

ANNUAL
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**Jaypee Institute of Information Technology
Noida (U.P.), India**

(Declared as Deemed to be University u/s 3 of the UGC Act 1956)



CONTENTS

| | |
|----------------------------|----------------|
| Basic Information in Brief | 1 |
| Introduction | 2 - 3 |
| Governance | 4 |
| Infrastructure Details | 5 |
| Academic Profile | 5 - 10 |
| Academic Departments | 11 - 33 |
| Jaypee Business School | 34 - 37 |
| Faculty Publications | 38 - 69 |
| Centres (Library & IT) | 70 - 75 |
| Ongoing Projects | 76 |
| International Linkages | 77 - 80 |
| Academic Administration | 81 |
| Jaypee Youth Club (JYC) | 82 - 87 |
| Training & Placement | 88 - 89 |
| Financial Status | 89 |

APPENDICES

| | |
|------------------------------|------------------|
| A. Board of Management | 90 |
| B. Academic Council | 91 |
| C. Details of Infrastructure | 92 - 95 |
| D. List of Faculty | 96 - 104 |
| E. Financial Report | 105 - 108 |

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 | : | Col Vijay Kumar (Retd), SM, VSM |
| Finance Officer | : | Sh. S.J.S. Soni |

Tele/Fax/Website

| | | |
|-----------------|---|------------------------------------------------------------------------------|
| Vice Chancellor | : | (O) 0120-2594105 (R) 0120-2594418 |
| Registrar | : | (O) 0120-2400907 0120-2700973-976 Ext-600 (R) 0120-2700973-976 Ext-405 |
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| Website | : | www.jiit.ac.in |



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 to 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 at **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 at **Appendix-B**.

Planning and Monitoring Board

1. Vice-Chancellor.....Chairperson

Prof. S.C. Saxena

2. Nominee of UGC

Prof. A.K. Sharma,
Former Director, NCERT
C-III, Sector-48, Noida

3. Internal Members

- Prof. Hari Om Gupta, Director, Sec-128
- Prof. Irfan A Riziv, Director, JBS
- Prof. Krishan Gopal, Dean A&R
- Prof. Krishna Kant, Dean
- Prof. Alka Sharma, Dean HSS
- Sh. S.J.S. Soni, CFO
- Comde K.K. Rohatgi, Head T&P & Dean of Students Welfare

4. Outside Experts

- Prof. N.J. Rao, Vice Chancellor, JUET, Guna
- Prof. S.K. Kak, Vice Chancellor, JUIT, Wagnaghat

5. Col. Vijay Kumar (Retd) SM, VSM, Registrar - Secretary

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

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 students in an eco-friendly environment. The details of the Infrastructure and available facilities are attached at **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. All Students are encouraged to make life outside the classroom vibrant and enjoyable by engaging themselves in multiple extracurricular areas. Fun 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 Instructions 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 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 (Computer Science & Engineering) and B.Tech (Information Technology)

The institution with its evolution and growth has succeeded in creating their place of excellence in the country and abroad. The institute has been attracting bright students from all parts of the country for quality education in Computer Science at undergraduate, postgraduate and doctoral levels. During the course of time it has offered opportunities to its inmates in the area of quality education and research in pursuance of a long cherished mission of the Group.

Most of the courses are supported by good laboratory practice through excellent computer laboratories and software. There is a provision of six elective subjects which a student can choose depending on market demand and his/her interest in emerging areas and need for further specialization. Though most of the courses have elements of research and design, a heavy emphasis on the final year project gives students an excellent opportunity to develop and demonstrate their innovation skills, design skills and research interests. These projects quite often lead to publications of their original work. Some of the core subjects of the programs include Object Oriented Programming, Micro Processors & Controllers, Algorithms, Operating Systems, Software Engineering, Computation Theory, Computer Networks, Compiler Design, Computer Organization and Architecture. Students have to undergo a thorough six-week mandatory industrial training at the end of their third year of study to get a feel of the work culture in relevant industries.

(ii) 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 many core subjects like Electronics & Communication Engineering. Through many Professional Development Courses which include Languages, Humanities, Social Sciences and Management, they turn out to be good professionals in their branch of specialization.

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

(iii) B.Tech (Biotechnology)

The exponential growth and rapid development in modern biotechnology as well as the diversity of knowledge and skills required to pursue careers in biotechnology has inspired us to educate and train youth in biotechnology. The program makes available specialized labs in areas such as Proteomics Technology, Genomic Technologies, Plant Biotechnology, Microbial Biotechnology, Animal & Plant Cell Culture, Environmental Biotechnology Industrial Biotechnology and Pharmacy. The Biotech program at JIIT have been ranked among top 3 private Biotech Programs in the country for the last 2-3 years.

Dual Degree Programs

(i) 5 Year Dual Degree Program B. Tech-M. Tech (Bio Technology)

The 5-year Dual degree program leads to the simultaneous award of B.Tech and M.Tech degrees in Biotechnology. In addition to the core courses, electives, industrial internship and project requirements of 4-year B. Tech in Biotechnology program, students in the dual degree program undertake additional specialized core and electives such as Disease and Health Care, Systems Biology, Biopharmaceuticals, Bioprocess Technology, Metabolic Engineering, Cell Signalling, Antibody Engineering and Manufacturing Processes, Genomics and Society, Molecular Evolution, Drug Delivery Systems, Biosensors, Regulatory Affairs-Biologics, Macromolecular Crystallography and Clinical Database Management.

The research projects in the 5th-year build upon research training imparted through minor and major projects in the last 4-semesters of the B.Tech program. This culminates often in a manuscript suitable for publication

(ii) 5 Year Dual Degree Program B. Tech-M. Tech (Computer Science and Engineering)

Since 2008, the students are being admitted in this program. The program exposes various areas of computer science engineering such as algorithms, computer systems, software engineering, machine learning, distributed systems, performance modelling, multimedia computing, etc., leading to two degrees in bachelors as well as Master's. The program lays emphasis on student projects and research.

(iii) 5 Year Dual Degree Program B.Tech-M. Tech (Electronics & Communication Engineering)

Besides the regular 4-year program, students learn the M. Tech. level courses such as Advanced Digital Signal Processing, Advanced Wireless Communication, VLSI Modeling and Simulation, FPGA Based System Design, Software Defined Radio, Speech Processing and Coding, System on Chip, Advanced Satellite and Fiber Optic Communication as part of 5 year Dual Degree Program B.Tech-M.Tech in ECE.

Post Graduate Programs

JIIT has been successfully running M. Tech Programs in **(i) Electronics & Communication Engineering, (ECE)** **(ii) Microelectronic Systems and Embedded Technology (MET), (iii) Computer Science and Engineering (CSE), (iv) Materials Science and Engineering (MSE), (v) Applied and Computational Mathematics (ACM) and (vi) 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 for 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, this 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 (Electronics and Communication Engineering)

A key feature of the program is its balanced core and flexible elective structure. The curriculum is designed to provide a good foundation and the development of an all-round engineering outlook. The salient features are:

- Inculcate analytical approach,
- Adequate number of courses on humanities and personality development,
- Judicious mix of hardware and software based experiments,
- Emphasis on learning through design and simulation,
- Open ended laboratory problems,
- Higher emphasis on project and project based learning, and
- State-of-the-Art courses in Mobile and Optical Communications, Telecommunications Networks, Signal Processing, Microelectronics, Digital System Design, MEMS and Embedded Systems.

(ii) M. Tech (Microelectronic Systems and Embedded Technology)

The aim of the Program is to equip students with the ability to utilize tools and techniques to implement VLSI design on silicon and specialize in embedded system applications. This interdisciplinary Program enables students to develop skills in the field of VLSI and Embedded Systems Design. Students are exposed to MEMS-pro, FPGA and Model-Sim. The emphasis is on current topics like Low Power CMOS Design, RTOS, and Embedded System Design.

(iii) M. Tech (Computer Science and Engineering)

The new approved curriculum structure provides advanced level training and exposure in contemporary and emerging areas like advanced data structures and computational thinking, high performance software engineering, pattern recognition and machine learning, distributed systems, advanced algorithms and performance evaluation of computing systems. Students' engagement in research is a very important component of this program.

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

This interdisciplinary program aims to impart advance level training in the specialized and emerging areas of Materials Science and Engineering and 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. The thrust areas of this program are, Nanomaterials and nanotechnology, Semiconductor microelectronic technology, Optoelectronic and optical communication, Polymers, ceramics and composites, Computer aided modeling and simulation, Materials for storage devices, and Materials for solar cell applications.

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

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

(vi) 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 a student is required to complete elective courses in functional and industrial 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.

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 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 giving a critical account of the research work carried out in a chosen area. Some examples are: Telecommunications and Networking, Signal (including Speech and Image) Processing, Wireless and Mobile Communications, Antenna Engineering, Spread Spectrum Systems, Error Control Coding Techniques, Microelectronics, VLSI Design and MEMS Design.

(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, etc.

(iii) Biotechnology

The Ph.D. programs are offered in various specializations like - Medical Biotechnology, Bioinformatics, Genomics & Proteomics, Structural Biology, Plant & Microbial Biotechnology, Bioremediation, Environmental Biotechnology, Natural Products & Molecular Mechanism, Novel Drug Delivery System & Nanobiotechnology

(iv) Physics and Materials Science & Engineering

The research areas of the Dept. include Atomic and Molecular Collision Physics, Laser Physics, Solid State Ionics–Materials and Devices, Magnetite Materials, Advanced Perovskite Oxide Materials, Quantum Optics and Quantum Information Theory, Optical Fiber Sensors, Optoelectronic Materials and Optical Communications, Biophysics, Spectroscopy, Nanotechnology.

(v) Mathematics

Department of Mathematics offers excellent opportunities for research in both pure and applied mathematics. The eligibility is minimum second-class or equivalent grade in the qualifying examination. The candidate should also have passed one of the following Entrance Tests: CSIR-UGC NET for JRF; or GATE; or JIIT entrance test. Only the short-listed eligible candidates will be called for interview and selection is based on performance in the interview and the written test. Presently there are eighteen students enrolled in this program. Two students have completed their Ph. D. work under this program in the current session.

(vi) Management

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

(vii) Humanities & Social Sciences

Department of Humanities and Social sciences offers excellent opportunities of research in the areas of Sociology, Psychology, English, Economics and Management like Finance, Marketing, Human resource management and organisational behaviour. The current key research areas include: Social media, Happiness and well being, Gerontology, Social economics, emotional intelligence, linguistics and Performance of commercial banks.

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. 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 including education and entrepreneurship, 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 team consisting more than eighty dedicated and well qualified faculty 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.

Course Curriculum is continuously improvised by taking the inputs from industry experts 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. 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 has active collaboration with

- University of Florida
- Indo-US Collaboration for Engineering Education (IUCEE)

➤ 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 equipments present in the labs include 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 Accelerometer), 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

External Participation in seminars, symposiums, conferences, workshops.

Many International and National Workshops/Conferences/seminars were attended by faculty members. These events were organized in different colleges and Universities of India and abroad.

| S No | Event | Organizer | Place | Dates | Name of Faculty |
|------|-------------------------------------------------------------------------------------------------|--------------------------|---------------|-----------------------|-----------------------|
| 1 | Intel Code fest | Intel, Google | New Delhi | 10 July 2014 | Prashant Kaushik |
| 2 | Workshop on "Machine Learning and Text Analytics" | South Asian University | Delhi | 15-23 Dec, 2013 | Divakar Yadav |
| 3 | 4th International Conference CONFLUENCE 2013, the Next Generation Information Technology Summit | Amity University | Noida | 26-27 Sept, 2013 | Divakar Yadav |
| 4 | FDP on Agile Software | Infosys | Chandigarh | 3-7 Feb 2014 | Sudhanshu Kulshrestha |
| 5 | INDOCON 2013 | IEEE Bombay Section, IIT | Mumbai | 13th - 15th Dec, 2013 | Sangeeta Mittal |
| 6 | 2014 IEEE International Advance Computing Conference (IACC) | ITM | Gurgaon | 21-22 Feb 2014 | Parmeet Kaur |
| 7 | Qshine 2013 | Gautam Buddha University | Greater Noida | 11-12 Jan 2013 | Hema N |
| 8 | Microsoft Faculty Symposium | Microsoft | Gurgaon | 26th-27th Jun 2014 | Indu Chawla |
| 9 | International Conference on Issues and Challenges in Intelligent Computing Techniques, | KIET | Ghaziabad | 7-8 Feb 2014 | Anuja Arora |
| 10 | International Conference on Issues and Challenges in Intelligent Computing Techniques, | KIET | Ghaziabad | 7-8 Feb 2014 | ArchanaPurwar |

| S No | Event | Organizer | Place | Dates | Name of Faculty |
|------|------------------------------------------------------------------------------------------------------|-------------------------|------------|---------------------------|---------------------|
| 11 | Workshop on Cyber Security IIT Delhi in collaboration with university of Nebraska. | IITD-NU Joint | Delhi | 7-8 Feb 2014 | Vartika Srivastava |
| 12 | IEEE-International Conference on Recent Trends in Information Technology | MIT, Anna University | Chennai | July 25-27, 2013 | Anuja Arora |
| 13 | 4th International Conference CONFLUENCE 2013, the Next Generation Information Technology Summit | Amity University | Noida | 26th- 27th September 2013 | Prakash Kumar |
| 14 | 3rd IFIT International conference on Bioinformatics, | MANIT | Bhopal | 23-26 Sep, 2013 | K.Kant |
| 15 | 4th International Conference CONFLUENCE 2013, the Next Generation Information Technology Summit | Amity University, | Noida | 26th- 27th September 2013 | Anuja Arora |
| 16 | International Conference on Eco-friendly Computing and Communication Systems (ICECCS 2013) | JUIT | Waknaghat, | October, 2013. | Prakash Kumar |
| 17 | International Workshop on Machine Learning and Text Analytics | South Asian University | Delhi | 15-23 Dec, 2013 | ShikhaJain |
| 18 | International Workshop on Machine Learning and Text Analytics | South Asian University, | Delhi | 15-23 Dec, 2013 | ArtiGupta |
| 19 | International Workshop on Machine Learning and Text Analytics | South Asian University, | Delhi | 15-23 Dec, 2013 | K.Vimal Kumar |
| 20 | 4th International Conference CONFLUENCE 2013, the Next Generation Information Technology Summit from | Amity University, Noida | Noida | 26th- 27th September 2013 | Divakar Yadav |
| 21 | HiPC, International Conference on High Performance Computing | organizer | Bangalore | 17-20 Dec 2013 | Saurabh Kumar Raina |
| 22 | Workshop on "ICARE-2013" | IIIT | Delhi | 19th October, 2013 | Amanpreet Kaur |
| 23 | Research symposium | IIIT | Delhi | 12th April,2014 | Shelly Sachdeva |
| 24 | Research symposium | IIIT | Delhi | 12th April,2014. | Anuradha.Gupta |
| 25 | IITD-NU Joint Workshop on Cyber Security | IIIT | Delhi | 7-8 Feb 2014 | Anuradha Gupta |
| 26 | IITD-NU Joint Workshop on Cyber Security | IIIT | Delhi | 7-8 Feb 2014 | Devpriya Soni |
| 27 | IITD-NU Joint Workshop on Cyber Security | IIIT | Delhi | 7-8 Feb 2014 | Vartika Srivastava |
| 28 | Security & Privacy Symposium | IIT | Kanpur | 20-22 February 2014 | Anubhuti Mohindra |
| 29 | Seminar on "Parallel Computing and Multi-core Architectures to handle big data challenges" | TIFR | Mumbai | 18th Oct' 2013 | Archana Purwar |
| 30 | Security & Privacy Symposium | IIT | Kanpur | 20-22 February 2014 | Pulkit Mehndiratta |
| 31 | Workshop on "ICARE-2013" | IIIT | Delhi | 19th October, 2013 | Amanpreet Kaur |

| S No | Event | Organizer | Place | Dates | Name of Faculty |
|------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------|--------------------|------------------------|
| 32 | Workshop on "Ph.D. workshop for paper writing" | IIT | Delhi | 18th October, 2013 | Amanpreet Kaur |
| 33 | Seminar on "Parallel Computing and Multi-core Architectures to handle big data challenges" | South Asia University | Delhi | 18th October 2013 | Chetna Dabas |
| 34 | International Conference on Emerging trends in Computational and Applied mathematics | ITM University | Gurgaon | 2-4th June | Chetna Dabas |
| 35 | FDP on High Performance Computing Using Oracle 12c Database Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM) | | Delhi | 16th November 2013 | Neetu Sardana |
| 36 | Mobile Soft'14 Conference | | Hyderabad | 2-4 June 2014 | Rashi Garg |
| 37 | Security and Privacy Symposium | IIT | Kanpur | 20-22 Feb 2014 | Rashi Garg |
| 38 | Short Term course on Recent Advance in Computer Network and Information Security | TEQIP-II Organisation - Dr. B. R. Ambedkar National Institute of Technology | Jalandhar Punjab | 8-12 July 2013 | Raju Pal |
| 39 | International Conference on Image Information Processing (ICIIP 2013) | JUIT Wagnaghat | Solan, HP | 9-11 Dec, 2013 | Sanjeev Patel |
| 40 | International Conference on Big Data Analytics | University of Aizu & Myra School of Business, Mysore, KA | Mysore | 16-18 Dec, 2013 | Pulkit Mehndiratta |
| 41 | FDP on Agile Software Systems | Infosys Limited | Chandigarh | 3-7 Feb, 2014 | Shudhanshu Kulshrestha |
| 42 | Research Symposium | IIIT - Delhi | Delhi | 11-12 April, 2014 | Rashi Garg |
| 43 | Research Symposium | IIIT - Delhi | Delhi | 11-12 April, 2014 | Anuradha Gupta |
| 44 | ISTE Main Workshop on Computer Programming by (sponsored by MHRD, Govt of India) | IIT Bombay NMEICT Organisation- IIT Bombay | Bombay, MH | 21-26 April, 2014 | Harvinder |
| 45 | ISTE Main Workshop on Computer Networking | NMEICT Organisation - IIT Bombay | Bombay, MH | 5-10 May, 2014 | Raju Pal |

Delivered Talks by Faculty of Deptt of CSE & IT:

1. Divakar Yadav (2014) delivered an expert talk on "Information retrieval: basics, challenges and tool", during AICTE sponsored FDP from 3-12 March, 2014, organized at Krishna Engineering College Ghaziabad.
2. Sanjay Goel (2014), two day workshop, "Facilitating Deep Learning in Computing Education: Some Insights for Practice and Research", Part of a 2 week long FDP for Computer Science faculty from various universities hosted by University of Goa, 17-18 Jan.
3. Sanjay Goel (2014), two hrs. lecture, "Looking Beyond Bloom: A Pedagogical Framework for Facilitating Deep Learning in Engineering Education", part of a weeklong FDP for engineering faculty from various institutes in Haryana and NCR hosted by YMCA, Faridabad, 9 Jan.
4. Sandeep Kumar Singh Delivered Guest Lecture on "Collective Intelligence" in ISTE approved FDP On Emerging Trends in Engineering Technology and Management (ETIETM'13) at YMCA, Faridabad 5th July 2013
5. Sanjay Goel, Effective Teaching of Engineering Courses: Beyond Bloom's taxonomy, IIIT Delhi, 8th Feb, 2014
6. Sanjay Goel, Research in Computing Education, IIIT Delhi, 6 Jan 2014.

7. Krishna Asawa, Cryptographic Iterative Hash Constructions, JECRC Jodhpur, June 2014.
8. Ankur Kulhari, Advanced Computer Networks, ABV-IIITM Gwalior, April 2014.

➤ **Conferences, seminars, talks, workshops conducted by the department.**

1. International Conference on Contemporary Computing, IC3-2013

Since 2008, the department has been organising an annual international conference on contemporary computing, IC3, in collaboration with University of Florida and Gainesville, USA. Prof. Sartaj Sahni of University of Florida guides the overall process. IC3 focuses on topics that are of contemporary interest to computer and computational scientists and engineers. It brings together researchers and practitioners from academia, industry and government to deliberate upon the algorithmic, systemic, applied, and educational aspects of contemporary computing. As per Google Scholar, the current h5 index of the IC3 is 10. IC3-2013 was organised during 8-10 August, 2013. The proceedings IC3-2013 were published by IEEE Xplore and indexed by SCOPUS and DBLP. A total of 486 papers were submitted and only 92 (19%) were accepted for oral presentation after a very rigorous review process by an international review committee under the leadership of Prof. Manish Parashar (IEEE Fellow) of Rutgers, and Prof. Albert Zomaya (IEEE Fellow) of University of Sydney.

2. CyberSrishti– An IT symposium

Department of CSE/IT JIIT Noida organized a two day long IT symposium, Cyber Srishti, on 26 - 27 April 2014. Many activities and events were organized during the symposium - Open Source Developers Conference (OSDConf), Entrepreneur's Speak, Students Project Exhibition, Embedded Programming Competition, Execute - A Programming Competition, and Web Designing Competition.

More than 20 talks on the themes of open source software and also IT entrepreneurship were delivered by young industry professionals and IT entrepreneurs. Another 5 talks were delivered by engineering students of different institutes. Around 110 projects were exhibited by the students of CSE/IT/ECE departments from both campuses of JIIT (Sector 62 and Sector 128) in Noida. As part of OSDConf, more than hundred students participated in collaborative programming activity, Hackathon, for more than twelve hours under the mentorship of many members of JIIT alumni. Around 400 students participated in three different competitions.

3. Workshops for industry professionals

Following workshops were conducted for industry professionals from Jaypee group:

- Corporate Training on MS-Excel, 19-26 May, 2014
- Corporate Training on MS-Excel, 7-12 April, 2014
- Around 150 professionals attended these workshops.

4. Workshops hosted at JIIT

Following workshops conducted by other organisations were hosted by JIIT:

- ISTE Main Workshop on Computer Programming by IIT Bombay (sponsored by MHRD, Govt of India), 16-21 Jun, 2014 followed by one Week online activity
- Basic Internet and Cyber Security by i3Indya Technologies Ltd., Delhi, 3rd May, 2014

➤ **Visitors, Guest Speakers**

1. Rudraksh MK (MathHarbor) delivered a talk on "The internet of things" on June 2014.
2. Yogi Raj (24 Idea Street, JIIT Alumnus) delivered a talk on "Making Your First 1000 Dollars" on 27th April 2014
3. Rudraksh and Juhi (Mathharbor) delivered a talk on "Number Nirvana: Our experiences building a niche product for math nerds" on 27th April 2014
4. Nikhil Wason (Cardback, JIIT Alumnus) delivered a talk on "Startups Don't Happen Overnight" on 27th April 2014.
5. Hari Prasanna and Pranav Prakash of Slide Share delivered a talk on "Rise of Open Source Data Science Tools" on 27th April 2014.
6. Mr. Gurteshwar Singh (Plivo Inc) delivered a talk on "Avoiding single point of failures in a multi-services architecture" on 27th April 2014
7. Mr. Saleem Ansari (Impetus Technologies Inc) delivered talk on "Machine Learning with Apache Mahout and Scala" on 27th April 2014
8. Pravin Kumar Mishra (Runtime Systems) delivered talk on "Happy Go Programming on " 27th April 2014
9. Mr. Konark Modi (MakeMyTrip) delivered talk on "Perfect recipe for data wrangling: IPython Notebook+ Pandas + Visualizations !" on 27th April 2014

10. Mr. Gurteshwar Singh (Plivo Inc) delivered a talk on “An intro to Open Source Telephony “on 27th April 2014
11. Mr. Rudraksh (MathHarbor) delivered a talk on “Numberscape - The landscape of open source languages and tools for computational math” on 27th April 2014
12. Mr. Shobha Tyagi (GNOME): delivered a talk on “GNOME” on 26th April 2014
13. Mr. Piyush Kumar (MakeMyTrip) delivered a talk on “Open Source behind MakeMyTrip Infrastructure” on 26th April 2014
14. Mr. Saurav Tomar (Wecure) delivered a talk on “Introduction to Web Scraping in Python” on 26th April 2014
15. Mr. Pragun Bhutani (Pixpa and IIIT alumnus) delivered a talk on “Getting started with AngularJS” on 26th April 2014
16. Mr. Tavish (BaseApp Systems and IIIT alumnus) delivered a talk on ‘Hardware hacking” on 26th April 2014
17. Mr. Shubhamoy Chakrabarty (Dynofy) delivered a talk on “The Dynofy Story” on 26th April 2014
18. Mr. Ankit Maheshwari (InnovAccer) delivered a talk “Building scalable web applications on cloud platform” on 26th April 2014
19. Mr. Mahesh Krishnan, Manager , HCL, delivered a talk on “SAP : View As Career Option” on 23rd April 2014
20. Mr. Aman Gupta, SAP Practice Head for NCR, delivered a talk on “SAP : View As Career Option” on 23rd April 2014
21. Mr. Maneesh Birthwar, SAP Practice Head | SVAM International, delivered a talk on “SAP : View As Career Option” on 23rd April 2014.
22. Prof. Vijay Vaishnavi, Emeritus Board of Advisors Georgia State University Delivered lecture on “Engineering Science Research Methods”, 16th April 2014.
23. Prof. Sartaj Sahni, Professor University of Florida delivered a Motivation Speech and Career Guidance, 16th April 2014
24. Prof. Jeong-A Lee visited IIIT and gave a lecture on “Computer Architecture” on 12 Dec 2014.
25. Prof. Hema Sharda, University of Western Australia, Australia, delivered a talk on “Educational Opportunities at UWA” on 14th September 2013.
26. Mr. Nikhil Joshi - Partner of Digital Jalebi delivered a talk on “Creative Coding” on 16th Aug 2013.
27. Mr. Ashish Gupta. Director, Identity Management and Security Group, Oracle India delivered a talk on “Big data: A Perspective” on 14 Aug 2013.
28. Prof. Zvi Galil, Dean of College of Computing, Georgia Institute of Technology, 8 Aug 2013,for key note in IC3 visited IIIT during IC3 and delivered a keynote on “Computing in the 21st Century”, the Georgia Tech Way 2013
29. Prof. Dinesh Manocha, Phi Delta Theta/Matthew Mason Distinguished Professor of Computer Science at University of North Carolina at Chapel Hill, visited IIIT during IC3 visited IIIT during IC3 and delivered a keynote on Title: Interactive Sound Simulation and Rendering Aug 2013.
30. Prof. Yves Robert from LIP, ENS Lyon, France, visited IIIT during IC3 visited IIIT during
31. IC3 and delivered a keynote on Title: An overview of fault-tolerant techniques for high performance computing Aug 2013.
32. Prof. Laxmi Narayan Bhuyan, Distinguished Professor and Chair, Department of Computer Science and Engineering, University of California, visited IIIT during IC3 visited IIIT during IC3 and delivered a keynote on Title: Network I/O Acceleration: Removing a Major Bottleneck in the Next Generation Servers Aug 2013.
33. Prof. R. Govindarajan, IISc Bangalore, visited IIIT during IC3 and delivered a keynote on Title: The Role of Accelerators in HPC Systems: Challenges and Opportunities Aug 2013.
34. Prof. Srikanth Sundararajan IIT Bhubaneshwar, visited IIIT during IC3 and delivered a keynote on Title: simple design principals as means to achieve a stable, and scalable online transaction system, leveraging open source components and standard techniques Aug 2013.
35. Prof. Rajat Moona, C-DAC, Pune, visited IIIT during and delivered a keynote on Title: Electronic Currency: Are we ready yet? IC3 Aug 2013.
36. Dr. Sanjay Ranka, University of Florida, visited IIIT during IC3 and delivered a talk on: “GPU Acceleration of Sparse Matrix Applications”, 9 Aug 2013

Department of Electronics & Communication Engineering (ECE)



The Electronics and Communication Engineering Department was founded in the year 2002 to run a 4 year B. Tech. degree program in Electronics & Communication Engineering. A two-year M. Tech. degree program in Information and Communication Technology (ICT) was started in the same year jointly by the departments of ECE and CS/IT. The postgraduate program of the department was strengthened by the addition of two M. Tech. degree courses in Microelectronics and Embedded Technology (MET) and Communication Systems and Signal Processing (CSSP) in

the years 2003 and 2005 respectively. At present the department is running a full time UG program in Electronics and Communication Engineering, a 5 year duration dual degree program [B. Tech. + M. Tech.] and two full time PG programs besides Ph.D. degree program in key areas of current technological importance. Thus, from a modest beginning, the department of Electronics and Communication Engineering has come a long way.

Some faculty members are well recognized in their respective areas of research. Their areas of interest include MOSFET Modeling, VLSI Design, Signal Processing, Antennas and Communication Systems.

Laboratory work is given very high importance. All core courses have a separate associated lab course. Students have to pass laboratory courses separately. Laboratory support for these courses are provided by well-equipped laboratories of the department.

➤ Facilities Including Labs:

The ECE program is designed on one hand to provide students with broad-based fundamental knowledge to enable them to go further in any of the chosen field, and on the other hand to allow them to specialize in rapidly developing new technologies, such as VLSI design, wireless and optical communications, 4G technologies, communications and computer networking, audio and video signal processing and data compression. All the laboratories are equipped with state-of-the-art instruments and software tools to enable the students to perform design oriented experiments and test their designs by computer simulations. Laboratory support to our programs is provided by the following well-equipped laboratories and 16 lab technicians of the department:

- Basic Electronics Laboratory
- Analog and Digital Electronics Laboratory
- Control and Instrumentation Laboratory
- Microprocessor Laboratory
- Signal Processing Laboratory
- VLSI Laboratory
- Electrical Machines and Power Electronics Laboratory
- Electronic Devices Laboratory
- Communication Systems Laboratory
- Advanced Communication Systems Laboratory
- Project Laboratory
- Creativity and Innovation Cell

Besides these laboratories, the department also has the Centre for MEMS Design. This centre was 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.

➤ Faculty Activities

External Participation in seminars, symposiums, conferences, workshops.

1. All faculty members participated in IEEE International Conference on Signal Processing and Communication (ICSC-2013) at JIIT, NOIDA, Dec. 12-14, 2013.
2. Dr. Rajesh Dubey attended International Conference Acoustics-2013 at New Delhi, organized by the Acoustical Society of India (ASI) and the French Acoustical Society (SFA) under the aegis of the CSIR-National Physical Laboratory, New Delhi during Nov. 10-15, 2013.
3. Prof. R. C. Jain attended and presented a paper in the 16th International Conference on Network-Based Information Systems (NBIS-2013) in Gwangju, South Korea during Sept. 4-6, 2013 organized by Future Technology Research Association, Japan.
4. Prof. R. C. Jain delivered a keynote address in National Conference on Electronics, Communications and Information Systems (NCECIS-2013) at United College of Engineering and Research, Oct. 11, 2013.
5. Dr. Richa Gupta attended IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE-2014), Jaipur, May 9-11, 2014.
6. Dr. Jitendra Mohan, Dr. Bhartendu Chaturvedi, Dr. Megha Agarwal, Mr. Satyendra Kumar, Mr. Anand Kumar, Mr. Abhishek Kashyap attended two-week ISTE Workshop on Signals and Systems conducted by the IIT, Kharagpur under the National Mission on Education through ICT (MHRD, Govt. of India) at JIIT, Sec.-128, NOIDA during Jan. 2-12, 2014.
7. Dr. Bhartendu Chaturvedi attended IEEE International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT-2013) at Aligarh Muslim University, Aligarh during Nov. 23-25, 2013.
8. Dr. Vikram Karwal, Mr. Tanuj Chauhan, Mr. Satyendra Kumar, Mr. Vinay A. Tikkiwal, Ms. Deeksha Chandola attended a 5-day workshop on “Embedded Systems” at JIIT, NOIDA as part of the 2013 Indo-US Engineering Faculty Leadership Institute course during July 1-5, 2013.
9. Dr. Vikram Karwal, Mr. Tanuj Chauhan, Mr. Saurabh Chaturvedi, Ms. Shradha Saxena, Ms. Deeksha Chandola attended 5-day workshop on “Design for Testability” at JIIT, NOIDA as part of the 2013 Indo-US Engineering Faculty Leadership Institute course during July 23-27, 2013.
10. Mr. Satyendra Kumar, Mr. Vinay A. Tikkiwal attended Workshop on “Semiconductor Device Modeling using TCAD Tools” at JIIT, Sector-128 Campus, Noida, October 4, 2013.
11. Mr. Satyendra Kumar, Mr. Vinay A. Tikkiwal attended Workshop on “COMSOL Multiphysics for MEMS modeling” at JIIT, Sector-128 Campus, Noida, November 15, 2013.
12. Mr. Satyendra Kumar attended Synopsys University Symposium 2014 on “Custom IC Design & Device Modelling-Tools and Technologies” at Synopsys and EIGEN Technologies Pvt. Ltd., New Delhi, March 7, 2014.
13. Mr. Satyendra Kumar attended Workshop on “Best practices in technical education” at JIIT, NOIDA, March 15, 2014.
14. Mr. Tanuj Chauhan attended Distinguished Lecture on VLSI Architectures for Communication and Signal Processing at STMicroelectronics, Greater NOIDA on Dec. 19, 2013.
15. Dr. Megha Agarwal attended summer school “Machine Learning Algorithms and Data Analytics” at Thapar University, Patiala, June 3-13, 2014.
16. Dr. Vikram Karwal, Dr. Sajai Vir Singh, Mr. Saurabh Chaturvedi attended IEEE International Conference on Signal Processing and Integrated Networks (SPIN- 2014) at Amity University, NOIDA during Feb. 20-21, 2014.

Invited Talks at other Institutes

1. Mr. Gaurav Verma delivered a guest lecture on “Low Power Techniques on Embedded System Design” at Shivalik College of Engineering, Dehradun, May 5, 2014.

2. Mr. Tanuj Chauhan delivered invited lecture at Cadence Design Systems, NOIDA on MEMS Technology, June 3, 2014.

➤ **Conferences, seminars, talks, workshops conducted by the department**

1. A 5-day workshop on “Embedded Systems” was organized at JIIT, NOIDA as part of the 2013 Indo-US Engineering Faculty Leadership Institute course during July 1-5, 2013.
2. A 5-day workshop on “Design for Testability” was organized at JIIT, NOIDA as part of the 2013 Indo-US Engineering Faculty Leadership Institute course during July 23-27, 2013.
3. ECE Department organized IEEE International Conference on Signal Processing and Communication (ICSC-2013) at JIIT, NOIDA, Dec. 12-14, 2013.
4. Workshop on “Semiconductor Device Modeling using TCAD Tools” was organized at JIIT, Sector-128, NOIDA on Oct. 4, 2013.
5. Workshop on “COMSOL Multiphysics for MEMS modeling” was organized at JIIT, Sector-128, NOIDA on Nov. 15, 2013.
6. Two week ISTE Workshop on “Signals and Systems” by IIT Kharagpur under MHRD programme, NMEICT, organized at JIIT, Sector-128, NOIDA as remote centre during Jan. 2-12, 2014.

➤ **Visitors, Guest Speakers**

1. Dr. Sunil Kumar, Professor, San Diego State University, San Diego, USA delivered a talk on “Cross-layer Protocols for QoS-aware Data Transmission over Wireless Networks” at JIIT, NOIDA, Aug. 3, 2013.
2. Dr. N. N. Sharma, Coordinator-Nanomaterials and National MEMS Design Centre, BITS Pilani delivered a talk on “MEMS Design: A paradigm shift in design thought process” at JIIT NOIDA, Feb. 22, 2014.
3. Sh. R. K. Singh, Consultant (Technical and Programme), DUCR, University of Delhi (Former Engineer-in-Chief, Doordarshan) delivered a talk on “Data Compression - The Heart of Digital Revolution” at JIIT, Sector-128, NOIDA, April 18, 2014.

Department of Biotechnology

India is among the top 12 biotech destinations in the world and has contributed to enhancing the global profile of the country in the last decade. According to the BioSpectrum-ABLE Biotech Industry Survey, the biotech industry has grown by 15.08 percent in 2012-13 over the previous year to record revenues of 23,524 crores. Biotechnology industry is significantly contributing to the advancements in the fields of Health Care, Agriculture and Environment. The Biotechnology department at JIIT has established academic set up and research infrastructure for imparting knowledge based technical



education. Faculty with rich R&D exposure in academia and industry both in India and abroad contributes to the department academic core. In response to a rapidly changing technology and frequent advances in Life sciences industry, curriculum is designed to impart skill sets to students enabling their adaptation to academia, research and industry. The cross-disciplinary core curriculum, research training through minor and major projects and mandatory industrial internship constitute an integrated approach to impart education and strongly accentuates learning interest and research/industry orientation. Interaction with leading scientists from academia and industry through invited lectures, workshops and conferences ensures all-round development of the students. Placement of students in industries and universities across the globe reflects the academic excellence of the department.

The Biotechnology department at JIIT recognizes the importance of R&D and has been publishing their research in peer reviewed scientific journals. In addition to generous institutional support (research fellowships and funding for infrastructural development), department benefits from extramural funding. The research efforts have led to procurement of grants worth 5.30 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 Ayurveda, Yoga & Naturopathy, Unani, Siddha and Homoeopathy (AYUSH).

Our UG/Dual degree program students have secured positions in graduate schools for MS/Ph.D at universities of International/National repute (such as John Hopkins, Georgia Tech, Keck Graduate Institute, Penn State, IITs, etc. amongst others). Many students have been selected in core biotechnology firms Panacea Biotech, Cadilla Biotech, Ranbaxy, Premas Biotech Ltd. etc

A technical society “RIBOSE” proactively involves students in societal projects/events. To generate awareness and monitor biosafety aspects and regulations, an Institutional Biosafety Committee (IBSC) is in place. Further, department is part of Institutional Ethical Committee to monitor ethical related aspects in research.

➤ Facilities including labs

The Biotechnology laboratory housed in over approximately one thousand sq meters hosts the following curricula and research laboratories.

The Biotechnology laboratory housed in over approximately one thousand sq meters hosts the following curricula and research laboratories.

Undergraduate Curricular/Research Laboratories

- Microbial Biotechnology
- Biochemistry
- Cell Culture
- Molecular Biology/Functional Genomics
- Immunology
- Bioinformatics Work Stations
- Nanobiotechnology/ Novel Drug Delivery Systems
- Instrumentation Facility

The laboratories are equipped with high-end research equipments, apart from others namely:

| Instrument | Company |
|-----------------------------------------------|--------------------------|
| Thermocyclers | Biorad, Eppendorf |
| Electroporator | Biorad |
| Ultracentrifuge | Beckmann, Coulter |
| High Speed Centrifuges | Hermle, Sigma |
| UltraSonicator | Sonics |
| MQ Water Purifying System | Millipore |
| Gel Documentation System | Biorad |
| ELISA Reader | Biorad |
| Incubator Shakers | Kuhner |
| Biosafety Hood, Fume Hood | Atlantis |
| Fermentor | New Brunswick |
| Protein Purification System | Biorad |
| CO2 Incubator | Ne Brunswick |
| Real Time PCR | Thermo Fisher Scientific |
| High Performance Liquid Chromatography (HPLC) | Waters |
| Lyophiliser | Christ; alpha 12 |
| -80°C Deep Freezer | New Brunswick |
| Fluorescent Microscope | Olympus |

Bioinformatics work stations are equipped with advanced bioinformatics softwares, such as Schrodinger Software, Sigma plot version 9.0 etc., for protein modeling, computer aided drug discovery and computational biology.

➤ Faculty Activities

External Participation in seminars, symposiums, conferences, workshops

1. Dr. Shalini Mani attended DBT Mentorship workshop for women scientist organized by Indian National Science Academy (INSA), New Delhi July 11, 2013
2. Dr. Chakresh K Jain attended Annual International Conference on Science and Engineering in Biology, Medical and Public Health, BioMedPub 2013 organized by Jakarta, Indonesia. August16-18, 2013
3. Dr. Reema Gabrani attended 7th Asian Conference on Lactic acid bacteria: “Lactic Acid Bacteria as Growth Engine for Economy and Integrated Industries” organized by India habitat Centre, N. Delhi. Sep. 6-8, 2013.
4. Dr. G Mathur, Dr. Ashwani Mathur and Manisha Singh attended 5Th International conference on Environmental, Industrial and Applied Microbiology (BIOMICROWORLD 2013) organized by Formatex Research Centre, Spain October 2-4, 2013
5. Biotech Faculty attended Expert Interaction-“Innovative approaches for biomedical research- students of today are research leaders of tomorrow” organized by dept. of Biotechnology, JIIT, Noida October 29-30, 2013
6. Dr. Shalini Mani and Dr. Rachana attended International Conference on Health, Environment and Industrial Biotechnology, “Biosangam 2013” organized by Department of Biotechnology, Motilal Nehru National Institute of Technology, Allahabad, UP, November 21- 23 2013.
7. Dr. Indira P. Sarethy attended Indo-US Symposium on Botanical Drug Development organized by CSIR-Indian Institute of Integrative Medicine, Jammu Tawi & National Center for Natural Products Research, Univ. of Mississippi, USA held at Medanta Medicity, Gurgaon, Dec. 13-14, 2013
8. Dr. Krishna S Sundari attended Workshop on animal cell culture and functional applications at Institute of Bioinformatics, Bangalore, 19-21 June 2014

Invited Talk at other Institutes

1. 29 th October, 2013 “Novel Mediators of Inflammation”, Prof. Madhav Bhatia, Group Leader, Inflammation Research Group, University of Otago, Christchurch, New Zealand
2. 30 th October, 2013 “The role of Ayurvedic Drugs Mucuna pruriens and Withania somnifera in the neuroprotection and treatment of Parkinsonian mice”, Prof. Surya Pratap Singh, Department of Biochemistry, Banaras Hindu University, Varanasi, India
3. 11th Oct., 2013 “Role of Biomarkers in P4 medicine”, Dr Anup Madan, Associate Director, Sequencing Group at Covance, Seattle, USA
4. 10th February, 2014 “Techno-commercial issues related to Industrial Bioprocessing”, Prof. Subhash Chand, Professor Emeritus, Department of Biochemical Engineering & Biotechnology IIT Delhi.
5. Dr. Vibha Rani delivered expert Talk on “Small RNA sequencing and in silico predictions” delivered in Delhi College of technology and management. 3 July 2013
6. Dr. Priyadarshini delivered a lecture on “Identification and characterization techniques of Protein biomolecule” during the refresher course in Life sciences organized in UGC-Academic Staff College, Ranchi University, Ranchi from September 6th to September 26th 2013.
7. Dr. Ashwani Mathur delivered invited Talk “Microbial Biomolecules: Carriers for Cell culture” at Institute of Biotechnology and Biomedicine, Universitat Autònoma de Barcelona, Barcelona, Spain on 3rd October 2013

8. Dr. Sanjay Gupta delivered invited lecture "Protein based Interactions Technologies" on 3rd March 2014, Biochemistry dept, University of Delhi South Campus.

➤ **Conferences, seminars, talks, workshops conducted by the department.**

1. 29th Oct to 30th Oct 2013 - Innovative Approaches for Biomedical Research- Students of today are Research Leaders of Tomorrow

➤ **Visitors to the Department**

1. Prof. Anil K. Tyagi (Shanti Swarup Bhatnagar Fellow and Professor, Biochemistry Dept, Delhi University, currently Vice Chancellor, Guru Gobind Singh Indraprastha University)
2. A Belgian FWO (Fonds Wetenschappelijk Onderzoek) Research Foundation delegation comprising Mrs. Isabelle Verbaeys (Senior Policy Officer), Mr. Stefaan De Smedt (FWO Scientific Panel Member) & Mrs. Eveline Lescrinier (Assoc. Prof. of Pharm. Sciences) visited JIIT on 25th Nov., 2013
3. Dr. A. Pareekh, Associate Professor, School of Life Sciences, Jawaharlal Nehru University, New Delhi.
4. Prof. Viridi, Professor, Dept. of Microbiology, University of Delhi South Campus (UDSC), New Delhi.
5. Prof. Madhav Bhatia, Group Leader, Inflammation Research Group, University of Otago, Christchurch, New Zealand
6. Prof. Surya Pratap Singh, Department of Biochemistry, Banaras Hindu University, Varanasi, India

➤ **Additional Information of the Department (Achievements & Projects)**

Sponsored Research Projects (Completed during the year)

1. Viral-viral and viral-host protein interactions in chandipura virus mediated encephalitis, Department of Science and Technology (DST), Duration: 2010-2013, Grant value: 35.57 Lakh, PI: Dr. Sanjay Gupta, Co-PI: Dr. Reema Gabrani, Co-PI: Dr. Amita Gupta (Delhi University).
2. Cardio Protective Properties of Curcumin: Molecular Interaction of Cardiac Transcription Factors, Department of Science and Technology (DST), Duration: 2009-2012, Grant value: 19.99 Lakh, PI: Dr. Vibha Rani.

Ongoing Sponsored Research Projects

1. 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: ~15 lakh, PI: Dr. Vibha Gupta; Co-PI: Dr. Chittaranjan Rout (JUIT, Wagnaghat) (Project approved, sanction awaited).
2. Nanoparticles based amperometric biosensor for detection of thyroid dysfunctioning, Department of Science and Technology (DST), Duration: 2014-2016, Grant value: ~ 38 lakh, PI: Dr. Sudha Srivastava, Co-PI: Dr. Vibha Gupta (Project approved, sanction awaited).
3. 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-PI: Dr. Reema Gabrani; Co-PI: Dr. Sanjeev K. Sharma.
4. 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.
5. 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.
6. 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

7. Structural Biology of CysE from pathogenic organisms – Potential for rational drug design, Department of Biotechnology (DBT), Duration: 2013-2016, Grant value: 40.5 Lakh, PI: Dr. Vibha Gupta Co-PI: Dr. Punit Kaur (AIIMS).
8. Studies on the phylogenomics and population genomics of Indian Drosophila, Department of Science and Technology (DST), Duration: 2013-2016, Grant value: 34.10 Lakh, PI: Dr. Sujata Mohanty.
9. Development of a biocatalyst for dearomatization of diesel, Department of Biotechnology (DBT), Duration: 2013-2014, Grant value: 6.92 Lakh, PI: Dr. Nidhi Gupta, Co-PI: Dr. Sanjay Gupta, Co-PI: Dr. D.K. Adhikari (Indian Institute of Petroleum, Dehradun).
10. Ability of select PGPM strains to remediate organophosphate pesticides commonly used in agriculture, Department of Biotechnology (DBT), Duration: 2013-2014, Grant value: 6.59 Lakh, PI: Dr. Krishna Sundari.
11. Development and evaluation of green tea catechins based intravaginal nanoemulsion gel for the treatment of urinary tract infections, Department of Biotechnology (DBT), Duration: 2013-2014, Grant value: 15.99 Lakh. PI: Dr. Shweta Dang, Co-PI: Dr. Reema Gabrani, Co-PI: Dr. Javed Ali (Jamia Hamdard, New Delhi).
12. Stage specific microRNA profiling from developing chick heart, Department of Biotechnology (DBT), Duration: 2012-2015, Grant value: 41.65 Lakh, PI: Dr. Vibha Rani.
13. Effect of curcumin on cardiac hypertrophy, Department of Biotechnology (DBT), Duration: 2012-2015, Grant value: 29.89 lakh, PI: Dr. Vibha Rani.
14. Nanoparticle based Drug delivery system of some antiepileptic drugs for brain drug delivery through nasal route, Department of Biotechnology (DBT), Duration: 2011-2014, Grant value: 25.175 Lakh, PI: Dr. Shweta Dang, Co-PI: Ms. Manisha Singh, Co-PI: Dr. Javed Ali (Hamdard University).
15. Formulation of Microbial Consortia With Parallel Biofertilizer and Biocontrol Properties, Department of Biotechnology (DBT), Duration: 2010-2014, Grant value: 57.39 Lakh, (JIIT: 24.22; TERI: 33.17), PI: Dr. Krishna Sundari, Co-PI: Dr. Reena Singh (TERI).

Sponsored Fellowship/Special Scheme Projects

1. Screening of native microbes with tannase producing ability, production of tannase and gallic acid using alternate substrate: (DBT), Duration : Jan 2012 - Dec 2014 ;Grant value: Rs. 12.08 Lakhs PI : Dr Krishna Sundari
2. Deciphering the host interactions of Chandipura virus matrix protein) Indian Council of Medical Research (ICMR), Govt. of India, Duration: 2014 – 2015, Grant Value: Rs 3.0 lakhs, Ph.D. Student: Sreejith Rajasekharan, Supervisor: Sanjay Gupta
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

Miscellaneous Academic Activities

1. Mr Sreejith Rajasekharan, Ph.D student was selected as a Fellow of the Department of Science and Technology (DST), Government of India to participate in the 64th Lindau Nobel Laureate Meetings, held in Lindau, Germany during June 28th – July 4th 2014, following selection by the scientific review panel of the Council for the Lindau Nobel Laureate Meetings and DST. The format allowed 600 selected participants from 80 countries to interact with 37 Nobel Laureates.
2. Biotechnology faculty (Dr. Krishna Sundari, Dr. Nidhi Gupta, Dr. Pammi Gauba, Dr. Garima Mathur) co-ordinated online certification program of UN, named “RIO 21+ IYWC INDIA Program”, where 700 plus students have registered from JIIT (Sector-62 and Sector 128 campuses). It is an All India program encouraging sustainability in youth. The project is developed as a coordinated effort between IARC, India and UN.

Department of Physics and Materials Science & Engineering



The Department of Physics and Materials Science and Engineering is a teaching and research department. It offers two year M. Tech. program in Materials Science and Engineering and PhD program in Physics and Materials Science and Engineering. The department also offers several basic and interdisciplinary courses and projects to various other

engineering and technology programs of the institute at the undergraduate and postgraduate levels. Presently there are 21 faculty members in the department. The entire faculty is actively engaged in teaching and research. Research activities of the department are focused on Green energy materials and devices, Solar cells and LEDs, Ferroelectric and Multiferroic Materials, Piezoelectric materials for MEMS applications, 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, which are categorized in two thrust areas of research of the department - Advanced Materials and Devices and Photonics, Plasma & Quantum Computing. Presently, Department has 25 research students registered in its PhD program. Four DST funded research projects are currently in progress in the Department and three research projects one each sanctioned from AICTE under MODROB scheme, DST, and DRDO have already been successfully completed by June 2014.

➤ 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 as listed below:

| Name of Equipment | Make |
|-----------------------------------------|----------------|
| X-Ray diffractometer (Shimadzu-6000) | Shimadzu |
| FTIR spectrophotometer (Spectrum BX-II) | PerkinElmer |
| UV-VIS spectrophotometer (Lambda 35) | PerkinElmer |
| Luminescence spectrophotometer (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 |
| 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 |

➤ Faculty activities to include

External Participation in seminars, symposiums, conferences, workshops.

International

1. Prof. A. Pathak delivered an invited talk on “Orthogonal-state-based protocols of secure quantum communication” at International Meet on Quantum Correlations and Logic, Language and Set Theory, 12-14 December, 2013, IIT Jodhpur, India.
2. Dr. Amit Verma delivered a contributory talk on “Recent Trends in Higher Order Nonclassical States” at International conference on Recent Trends in Interdisciplinary Sciences: Opportunities and Challenges RTISOC-2014, MMC, Modinagar, Feb 28-28 Feb – 01 March, 2014.
3. Dr. Amit Verma made a poster presentation on “Agarwal Tara Nonclassicality in Intermediate States” at International conference on Recent Trends in Interdisciplinary Sciences: Opportunities and Challenges RTISOC-2014, MMC, Modinagar, 28 Feb – 01 March, 2014.
4. Dr. Prashant Chauhan delivered a talk on “HiPER: making star on Earth” at International conference on Recent Trends in Interdisciplinary Sciences: Opportunities & Challenges “RTISOC-2014, MMC Modi Nagar, UP, 28 Feb – 01 March, 2014.
5. Dr. Prashant Chauhan presented a paper as a poster on “Harmonic Emission: A tool for pre-plasma scale length diagnostic in plasma” at International conference on Recent Trends in Interdisciplinary Sciences: Opportunities & Challenges “RTISOC-2014, MMC Modi Nagar, UP, 28 Feb – 01 March, 2014.
6. Dr. Vivek Sajal presented a paper as a poster on “Stimulated Raman Scattering of lower hybrid mode excited by two counter-propagating lasers in plasma” at International conference on Recent Trends in Interdisciplinary Sciences: Opportunities & Challenges “RTISOC-2014, MMC Modi Nagar, UP, 28 Feb – 01 March, 2014.
7. Prof. D. K. Rai delivered an invited talk on “All solid state proton batteries”, International Conference on Science and Engineering of Materials (ICSEM-2014), Sharda University, Greater Noida, 6-8 January, pp. 57, 2014.
8. Prof. A. Pathak delivered two invited talks on “Secure quantum communication beyond QKD” at International Program of Quantum Information (IPQI-2014), 17-28 February, 2014, Institute of Physics, Bhubaneswar, India.
9. Prof. A. Pathak delivered an invited talk at QUANTUM 2014: Advances in Foundations of Quantum Mechanics and Quantum Information with atoms and photons, 25-31 May, 2014, INRIM, Turin, Italy.

National

1. Prof. D. K. Rai delivered invited talk on “Studies on Polymer Blend Based Proton Conducting Gel Electrolytes” in 10th National Conference on Solid State Ionics (NCSSI-10), IIT Kharagpur, 22-24 December, 2013.

➤ Conferences, seminars, talks, workshops conducted by the department.

Department organized an international workshop on Optical Quantum Information (IWOQI) from September 1-2, 2013. The workshop was organized as a satellite meeting of a larger conference, “Asia Quantum Information Science (AQIS-13)” which was organized by Institute of Mathematical Science, Chennai from August 25-30 2013. There were 11 resource persons (invited speakers) from India and abroad and 52

registered participants in the workshop. The workshop had 7 academic sessions. The talks were delivered by highly acclaimed academicians like, Prof. J. Gruska, Masaryk University, Brno, Czech Republic, Prof. Maria Chekhova, MPI Erlangen, Germany, Dr. Alessio Avella, INRIM, Turin, Italy, Dr. Angela Perez, MPI Erlangen, Germany, Prof. S Ghosh, IMSc, Chennai, India, Dr. S. Banerjee, IIT Jodhpur, India, Prof. D. Goswami, IIT Kanpur, India, Dr. R Srikanth, PPISR, Bangalore, India, Prof. R. Ghosh, JNU, New Delhi & SNU, Noida, India, Prof. K. Thyagarajan, IIT Delhi, India. Attendees were from almost all part of the country, like IISc, Bangalore; IIIT, Hyderabad; CUSAT, Kochi; Visva Bhartai, Santiniketan; IIT Roorkee; IIT Jodhpur; IIT Delhi; ISER, Mohali; Bose Institute, Kolkata; UGC DAE, Indore; Allahabad University; University of Lucknow; SAU, Bhubaneswar; Ranchi University; GGIPU, Delhi; GGSND University, Amritsar; JUET, Guna, Madhya Pradesh; etc..

➤ Visitors, Guest speakers

1. Prof. Subodh Kumar De, Senior Professor, Department of Materials Science, Indian Association for the Cultivation of Science, Kolkata, India visited department and delivered a talk on “Self-Assembly: An Important Aspect of Nanomaterials” on June 21, 2013.
2. Prof. P. N. Ghosh, F.A.Sc.T. and former Vice-chancellor of Jadavpur University, West Bengal, India, visited PMSE department and delivered a talk on “Bose Einstein Condensation and Laser Cooling: Basic Concept” on 01 April, 2014.
3. Prof. Binod Kumar, Group Leader, Electrochemical Power Group, University of Dayton Research Institute, Dayton, Ohio, USA, visited PMSE Department and delivered a talk on “Special need and emerging Lithium-Air Technology” on 18 November, 2013.
4. Dr. Vijay Raj Singh, Post Doctoral Associates, Department of BioSystems and Micromechanics, Singapore-MIT Alliance for Research and Technology (SMART), Singapore, visited PMSE department and delivered a talk on “3D fluorescence microscopy systems development for tissue imaging applications” on 30 October, 2013.

➤ Additional Information of the Department

1. Prof. D. K. Rai chaired a session in 10th National Conference on Solid State Ionics (NCSSI-10), IIT Kharagpur, 22-24 December, 2013
2. Dr Vikas Malik chaired a session on soft computing in IEEE 4th International Advance computing Conference held on 21-22 Feb, 2014 at ITM University Gurgaon, India.
3. Prof. Anirban Pathak visited RCPTM, Joint Laboratory of Optics of Palacky University and Institute of Physics of Academy of Science of the Czech Republic, Faculty of Science, Palacky University, 17. listopadu 12, 77146 Olomouc, Czech Republic. From 13 29 October, 2013-7November, 2013, for collaborative work.
4. Prof. Anirban Pathak visited Prof. Adam Miranowicz at Faculty of Physics, Adam Mickiewicz University, PL-61-614 Poznan, Poland from 7 November, 2013 to 10 November, 2013 for collaborative work.

Department of Mathematics

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. Besides catering to the basic needs of the various B. Tech./M. Tech. programs of the Institute, it had a strong fervor towards research and development from the very beginning. 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. We also have our own M. Tech. program in Applied and Computational Mathematics.

Presently more than fifteen courses are being taught at B. Tech. level and around twenty courses at M. Tech. level. 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 good blend of pure and applied Mathematics which provides a vibrant research atmosphere. At present there are four Professors, three Associate Professors and ten Assistant Professors in the Department. Their specializations cover most of the important application areas. The major thrust areas of the Department are:

The faculty members of the Department are involved in the following three research groups:

- Wavelets, Fractals and Chaos, Mathematical Analysis
- Numerical Analysis and Computational Continuum Mechanics
- Statistics, Queuing, Fuzzy and Information Theory

➤ Faculty activities to include

External Participation in seminars, symposiums, conferences, workshops.

1. Prof. Bhu Dev Sharma delivered an invited talk on the topic “Some Advances on Information & Coding: Variable Length Error Coding & Generalized Distances on $GF(q)$ ” in the International Conference on Information and Mathematical Sciences of Indian Society of Information Theory and its Applications, held at Baba Farid College of Engineering & Technology, Bhatinda, Punjab, October 24-26, 2013.
2. Prof. BHU DEV SHARMA attended International Conference on Recent Trends on Materials and Devices, October 30-31, 2013, Amity University, Noida, UP, India
3. Prof. Bhu Dev Sharma delivered an invited talk on the topic “Some Measures and Aggregation Operators on Intuitionistic Fuzzy Sets and their Application to Multiple Attribute Group Decision Making” International Conference on Interdisciplinary Mathematics, Statistics and Computational Techniques, FIM 2013, held at Waseda University, Kitakyushu, Japan from 10 November, 2013 to 12th November, 2013.
4. Dr. Pankaj Kumar Srivastava attended the Workshop on “COMSOL Multiphysics for MEMS modeling” held at JIIT-128 Noida, on 15th November, 2013.
5. Dr. Amit Srivastava delivered an invited talk on the topic “Measuring Intuitionistic fuzzy information & Intuitionistic fuzzy discrimination information— Applications to Medical Diagnosis and Pattern Recognition” in the 3rd National Conference on Computational and Mathematical Sciences held at Vivekananda Global University, Jaipur from 25th November to 26th November, 2013.
6. Dr. AMIT SRIVASTAVA attended and presented a paper entitled “A New Intuitionistic Fuzzy Cross Entropy Functional based on Arithmetic Geometric Mean Inequality and its Applications in Medical Diagnosis” in the 3rd National Conference on Computational and Mathematical Sciences held at VIVEKANANDA GLOBAL UNIVERSITY, JAIPUR from 25th November to 26th November, 2013.
7. Dr. AMIT SRIVASTAVA attended and presented a paper entitled “Dichotomous Exponential Entropy Functional and Its Applications in Medical Diagnosis” in International Conference on Signal Processing and Communication (ICSC-2013) organized by Jaypee Institute of Information Technology, Noida during 12-14 Dec, 2013.
8. Dr. AKHILESH KUMAR SINGH attended the International Conference on Signal Processing and Communication (ICSC-2013) organized by Jaypee Institute of Information Technology, Noida during 12-14 Dec, 2013.
9. Dr. PANKAJ KUMAR SRIVASTAVA attended and presented a paper entitled “Nonpolynomial Spline Based Empirical Mode Decomposition” in International Conference on Signal Processing and Communication (ICSC-2013) organized by Jaypee Institute of Information Technology, Noida during 12-14 Dec, 2013.
10. Dr. Pankaj Kumar Srivastava was the member of the organizing committee of An Instructional Workshop on “Linear Algebra and its Applications” Jointly Organized By IMSA & Department of Mathematics & Statistics SHIATS-DU Allahabad and held at Anasakti Ashram, Kausani from 10-12th January, 2014.
11. Dr. AMIT SRIVASTAVA attended and presented a paper entitled “implementation of mgnrega in rural rajasthan with special refrence to women’s participation and impact-an information theoretic analysis”

in Interdisciplinary National Seminar on integrated regional planning and human resource development in India: efforts, achievements and challenges organized by Parishkar College for Global Excellence, Mansarovar, Jaipur, Rajasthan from 10th February to 11th February, 2014.

12. Dr. Pankaj Kumar Srivastava delivered an invited talk on the topic “Application of Non-polynomial Spline & Empirical Mode Decomposition methods in Time Series Analysis” at Sam Higginbottom Institute of Agriculture, Technology & Sciences, Allahabad in February 2014.
13. Dr. Pankaj Kumar Srivastava delivered an invited talk on the topic “Transportation Problem and its Application in Real Life” at Sam Higginbottom Institute of Agriculture, Technology & Sciences, Allahabad, Allahabad in May 2014.
14. Dr. Dinesh Bisht attended the International conference on emerging trends in computational and applied mathematics organized by CSIR, GURGAON from 2nd to 4th June, 2014.

Invited Expert Lectures Delivered in JIIT

1. Prof. B. K. Dass, Professor of Mathematics & Former Head, Department of Mathematics and Dean, University of Delhi, Delhi has delivered a talk on “Interdisciplinary Nature of Mathematics” on September 23, 2013.
2. Prof. B. S. Panda, Professor and Head, Department of Mathematics, Indian Institute of Technology, Delhi has delivered a talk on “Probabilistic Method in Graph Theory” on October 08, 2013.
3. Prof H. C. Taneja, Dean and Professor of Mathematics, Delhi Technological University, Delhi delivered a talk on “Residual and past lifetime distribution: An Information Theoretic Measures Approach” on 4th February, 2013.

Department of Humanities & Social Sciences

Department of Humanities and Social Sciences focuses on the overall intellectual and social development of the students. The department intends to expand the students’ horizon of knowledge by imparting them professional and behavioral competencies and thereby transforming the students to become leaders not only in technology



but also in innovation, competitiveness and entrepreneurship. The department serves to complement the existing and emerging educational programs of the institution by offering courses in the areas of behavioral skills like Presentation and Communication Skills to develop effective presentation and communication skills that enable the students to speak, write and present in clear, correct, concise, and audience-centered manner, which has grammatical and mechanical correctness, and a graceful, uncluttered style, English to enable the students to use English language as a tool for their specific professional and individual requirements, Group and Co-operative Processes to enhance the ability of the students to form and lead teams and to make the students understand how to work with and through others to accomplish individual and group goals.

The department also offers courses in the areas of Economics to enable students to appreciate the contribution of economics to the business process and to evaluate economics of corporate objectives, market structure and costs, Social and Legal Issues to enable the students to identify social, legal and ethical practices to make the students legal literate and responsible citizens, Indian Financial System to educate the students in various facets of financial system like the financial markets, financial intermediaries and global financial markets, Quality Issues in Engineering to introduce the basic concepts of quality like Total Quality Management, Six Sigma, benchmarking, ISO etc. and its applications in engineering, Engineering Statistics to help engineers incorporate statistical methods in applied engineering problems. The course provides the students with basic statistical tools and associated mathematical techniques to handle randomness, uncertainty and error. The department also offers elective courses in the area of Organizational Psychology and Industrial Sociology to make them understand the social and psychological aspects of organizations.

A further objective of the department is to transform the students into leaders in corporate world thus department offers many core and elective courses in Management skills like Financial Management to understand the concepts and principles of accounting and finance with the support of software packages so that they can make quick informed financial decisions, Project Management to develop the ability to take sound decisions and prompt actions and to identify, formulate, and solve problems, Entrepreneurial Development to make the students aware of various processes of new venture creation and the critical knowledge needed to manage business once it is formed, Managing & Marketing Technology to give the students an insight into the marketing and its concepts and the changed market scenario with special reference on managing and marketing of technology and the usage of engineering tools, Knowledge Management to introduce students to the wider application of knowledge management principles, especially in the form of technologies that are classified as knowledge management tools, Customer Relationship Management to equip the students with concepts and strategies for customer acquisition and retention and optimizing long term customer value.

The department has at present fourteen experienced and learned faculty members having expertise in different areas of humanities and social sciences like Sociology, Psychology, English, Economics and Management.

➤ Facilities including labs

Language Lab

English language laboratory aims to develop the key areas of language i.e. reading, writing, speaking and listening skills. This language laboratory is beneficial for students in equipping them with these skills and developing their personality. A number of software, such as, connected speeches, tense buster, and sky pronunciation suite has been provided through this lab to enhance the efficiency and effectiveness of communication in different situations. By the amalgamation of theory and practice, we enhance students' presentation and communication skills.

Psychology lab

The psychology laboratory provides with high interactive resources for psychometric tests of psychological science. Psychology students are invited to use the laboratory for future learning about psychological phenomena and scientific process including research methods, practical applications and ethics. Psychology lab is the perfect place to learn applied knowledge about the topics such as attention, memory, personality, learning, language, problem solving, intelligence, emotions etc. It also enhances students' farsightedness and observational skills for judging a personality. Students learn to examine the interrelationship between subject and human behaviour. Psychology recognizes the need to study the problem oriented areas in human science with accurate guidance and testing.

Software

The department has Software SPSS 16.0 software with SPSS Base and four add-on modules: SPSS Conjoint, SPSS Neural Networks, SPSS Regression Models and SPSS Trends.

➤ Faculty Activities to include

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

| S. No. | Seminar/Conference/ Workshop | Organized By | Dates | Faculty who Participated | Details of the role (Attended/ presented paper, give title/ delivered invited talk, give title/Chaired session/ Worked as resource person etc.) |
|--------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | International Conference on Reinventing Management Strategy: The Design for Future(IC-RMS 2013) | IMS Ghaziabad, | November 30, 2013 | Dr. Nidhi Sinha | Presented Paper Title-"Digital Consumer-The New Reality in Interactive Marketing", |
| 2. | Fore International Marketing Conference FIMC(2013) | Fore School of Management, New Delhi, | November 28-29, 2013 | Dr. Nidhi Sinha | Presented Paper Title-"An Investigative Study of the Factors in the Digital Paradigm Encouraging Brand Trust" |
| 3. | 3rd International Conference on "Creating Sustainable Business through Innovative Marketing | IMS Noida | December 6-7, 2013 | Dr. Nidhi Sinha | Presented Paper Title-"Effective Brand Management for better positioning using K-means clustering" |
| 4. | Eleventh International Conference on Health and development | SRM University | Dec 26-28, 2013 | Dr. Sharmistha Bhattacharjee | Presented paper Title- "Self Transition, social change Help groups a mediator for conomic and financial well being of women in Rural Bengal" |
| 5. | International Conference | Society of Engineering and Management Sciences (SEMS), Greater Noida | Dec, 2013 | Dr. Nilu Choudhary | Paper Presented Title-How Indigenous Game is Squeezed in New Technology |
| 6. | All India Accounting Conference and International Seminar, "Contribution of Private Companies towards Corporate Social Responsibility" | Andhra University, Visakhapatnam | January 11-12, 2014 | Dr Sakshi Varshney | Paper Presented Title: Contribution of private companies towards corporate social responsibility |
| 7. | 3rd International and 4th Annual Conference, on the theme: 'Inclusive Practices in ELT | ELTAI-Delhi Chapter | February 24-26, 2014 | Ms. Namita Singhal | Paper Presented Title- "Introduction to an Intercultural Approach to English Language Teaching" |
| 8. | International Management Research Conference on theme: Culture, Values, Mindset, Gender and Strategy: A Need for Re-positioning SHRM. | Faculty of Management Studies, Amity University, Sec-125, Amity University, Noida | May 15th -16th, 2014 | Dr. Sharmistha Bhattacharjee | Paper Presented Title- "Participation in Small business through Self Help Groups: Curbs or promotes Gender inequality?" |

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

| S. No. | Seminar/Conference/ Workshop | Organized By | Dates | Faculty who participated | Details of the role (Attended/ presented paper, give title/ delivered invited talk, give title/Chaired session/Worked as resource person etc.) |
|--------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | National Seminar on Women Empowerment and Social Development, | Bharati Vidyapeeth Deemed University, New Delhi. | July 2013 | Dr. Sharmistha Bhattacharjee, Dr. Santosh Dev, Dr. Swati Sharma and Dr. Santoshi Sengupta | Attended |
| 2. | One Day Seminar on "Why is Durga sleeping" | American Institute of Indian Studies, Delhi | July 16, 2013 | Ms. Deviya Kumar | Attended |
| 3. | Workshop on Writing skills | Short and Sweet, Delhi | July 21, 2013 | Ms. Deviya Kumar | Attended |
| 4. | Unleashing the Talent Potential | SRM University | July 27, 2013 | Ms. Puneet Pannu | Attended |
| 5. | One Day Seminar on Celebrating Delhi | The Attic & Penguin India, Delhi | August 1, 2013 | Ms. Deviya Kumar | Attended |
| 6. | Workshop on " Something in nothing – Humour Therapy & Dramatic workshop" | The Humour Factory, Delhi | August 12th, 16-19th, 27th to 30th, 2013 | Ms. Deviya Kumar | Attended |
| 7. | One Day Seminar on "Spice routes of the world" | Dr. R.P. Jain, Delhi | September 7, 2013 | Ms. Deviya Kumar | Attended |
| 8. | National Seminar on "Integrating Development with Entrepreneurial Advancement and Leadership, | Asian Business School, Noida, | September 13, 2013 | Dr. Nidhi Sinha | Presented Paper Title- "The Interactive Consumer is the New Reality-An Experimental Study of the Corporate Blogs" |
| 9. | Lecture on "Development and problems related to tribal language and Literature": Prof Jaydev Memorial lectures, | Sathya Academy, New Delhi | Sep 25, 2013 | Dr. Sharmistha Bhattacharjee and Dr. Santosh Dev | Attended |
| 10. | One Day Seminar on "Taxi takes on the world- Screenings and discussions on Terror & Peace" | Jashn – e-Aman by STEP, Delhi | September 29, 2013 | Ms. Deviya Kumar | Attended |

| S. No. | Seminar/Conference/ Workshop | Organized By | Dates | Faculty who participated | Details of the role (Attended/ presented paper, give title/ delivered invited talk, give title/Chaired session/Worked as resource person etc.) |
|--------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11. | FIIB Marketing Analytics Conference 2013 | Fortune Institute of International Business, New Delhi | October 19, 2013 | Dr. Nidhi Sinha | Attended |
| 12. | "Aakash for education" organized by Noida | IIT, Bombay at JIIT University, | Nov. 10-11,2013, | Mr. Praveen Sharma | Attended |
| 13. | One Day seminar on The descent of man | Samar Halarnkar, Writer, Delhi | November 19, 2013 | Ms. Deviya Kumar | Attended |
| 14. | One Day seminar on "Hindu view on homosexuality" | Prof.Bharat Guota, Cultural Analst, Delhi | November 25, 2013 | Ms. Deviya Kumar | Attended |
| 15. | One Day Seminar on "Book readings and launch of The Avenger & discussions on terrorism" | Prof.Bharat Guota, Cultural Analst, Delhi | November 25, 2013 | Ms. Deviya Kumar | Attended |
| 16. | One day Workshop on Strategies of Technical Writing | Academy of Business and Engineering Sciences (ABES, Ghaziabad) | November 30, 2013 | Dr. Nilu Choudhary | Attended |
| 17. | Seminar on Success and Happiness by His Holiness The Dalai Lama | Birla Institute of Management technology, Greater Noida | December 01, 2013 | Dr. Badri Bajaj | Attended |
| 18. | 3rd Biennial conference on Rethinking Management Theory and Practice in the Present Indian Economic Context, | Indian Academy of Management at Indian Institute of Management, Ahmadabad, | December 12-14, 2013 | Dr. Santoshi Sengupta | Presented Paper Title –"The crippling effect of diversity of emotional intelligence on team performance and the moderating role of a leader in managing emotions" |
| 19. | Innovative Financial Practices and Developments | Apeejay School of Management, New Delhi, | January 2014 | Dr. Santosh Dev | Presented paper: Title-"An exploratory study on Client satisfaction: Comparison between Private and Public Sector Banks in India |
| 20. | Conference on Innovation Practices in Information Technology and Operation Management | Apeejay School of Management, New Delhi | Jan 17, 2014 | Dr. Sharmistha Bhattacharjee | Presented paper Title-"Self Help groups a mediator for economic and financial well being of women in Rural Bengal" |
| 21. | Two days Workshop on Structural Equation Modeling. | JIIT Noida | January 18-19, 2014 | JIIT Faculty Members (No.18) | Organized and Attended |

| S. No. | Seminar/Conference/ Workshop | Organized By | Dates | Faculty who participated | Details of the role (Attended/ presented paper, give title/ delivered invited talk, give title/Chaired session/Worked as resource person etc.) |
|--------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 22. | National Conference on Social Media and E-Marketing | Jaypee Business School, Noida (A Constituent of JIIT, Noida) | March 1st, 2014 | Dr. Shirin Alavi | Presented Paper Title- "Application of the Behavioral Internet Theory to Digital Marketing Analytics" |
| 23. | Faculty Development Program on Transforming Teaching Skills: Participant Centered Learning | Maharaja Agrasen Institute of Management Studies, New Delhi | May 3rd, 2014 | Dr. Sharmistha Bhattacharjee, Dr. Santosh Dev, Dr. Swati Sharma and Dr. Santoshi Sengupta | Attended |
| 24. | Lecture on Heritage Walk- Journey of Infinity | Indian Habitat Centre | May 5th, 2014 | Deviya Kumar | Attended |

Guest Lectures Delivered

1. **Prof Alka Sharma** delivered views in panel discussion on "Gender Sensitization towards Women Empowerment: Way Forward", organized by Amity University, Noida on the occasion of valedictory session of International Women's Day on 10th March, 2014.

Workshops Conducted

1. Workshop on 'Emotional Intelligence' for students at IIM Udaipur, on 12th March, 2014.
2. Workshop on 'Emotional Intelligence and Coaching' for Faculty members at IIM Udaipur on 13th March, 2014.
3. Workshop on 'Effective Teaching through Emotional Intelligence' at D.H. Lawrence Sr. Sec. School, Jhajjar on 30th June, 2014.

➤ Workshop Organized in HSS, JIIT

1. Two days Workshop on Structural Equation Modeling was organized by Department of Humanities and Social Sciences, on January 18-19, 2014.

➤ Additional Information of the Department

1. Dr. Nidhi Sinha was awarded the Second Prize for the Best Paper Award in the 3rd International Conference on Innovative Marketing, organized by IMS, Noida, December 2013.
2. Dr Badri Bajaj's research is used by Prof. Richard Boyatzis (Distinguished Professor & Emotional Intelligence thought leader) in his Coursera MOOC "Inspiring Leadership through Emotional Intelligence". In this MOOC more than 239000 participants have enrolled from 180 countries. Prof. Boyatzis is also using this research in his Masters and Doctoral classes in the USA and Europe.
3. Dr. Badri Bajaj's research work was shared by Dr. Daniel Goleman (Management Expert) through his blog post. This post is viewed around 29000 times globally.
4. Dr. Badri Bajaj received membership of prestigious Consortium for Research on Emotional Intelligence in Organizations, USA. The Consortium has 10 members from Asia and 90 members globally.
5. Dr. Santoshi Sengupta and Dr. Santosh Dev paper on "What makes employees stay? Exploring the dimensions in context of urban-centric business process outsourcing industry in India" has been selected as a 2014 Highly Commended Paper winner for Strategic Outsourcing an Emerald Journal.
6. Dr. Monica Chaudhary is appointed as a member of the reviewer committee of International Journal of Academic Research in Management, Switzerland.

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) 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 a student is required to complete elective courses in functional and industrial 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



➤ IT Infrastructure & 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. 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 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.

The Server Room is equipped with Intel Nehalem Quad-Core Servers for high performance windows 2008R2/ Windows 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. Institute for its printing needs it has 20 heavy duty Network Laser Printers, two Line matrix printers, 70 desktop printers and 13 multi function printers. Central Antivirus server provides security for entire network. The Server Room has a Client/ Server Database Computing System (with Oracle 11g as back end and Developer 2000 version 6.0. at the front end, the operating system is Windows XP/2003/Windows7 at the front end and Intel Xeon based RedHat Enterprise Linux Server at the back end).

➤ Laboratories

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 than 100 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.

➤ Faculty activities

External Participation in seminars, symposiums, conferences, workshops (International).

| S.No. | Name of the Applicant | Designation | Program /Conference/ Seminar/Workshop etc. | Organized by | During | Place |
|-------|-----------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------------------|------------------------------------------------|
| 1. | Shubhangini Rathore | Assistant Professor- (II) | International Conference on, "Emerging Trends in Global Management Practices–An Interdisciplinary Approach". Presented Paper: "The Role of Emotional Intelligence on Transformational Leadership". (Rathore, S., Pandey, R) | Symbiosis Centre for Management Studies | March 7 -8, 2014 | Symbiosis Centre for Management Studies, Noida |
| 2. | Shubhangini Rathore | Assistant Professor-(II) | 7th International conference on, "Innovation, Social Networking and Technologies- an Approach". Presented Paper: "Developing Emotional Intelligence for Workplace Success". (Chaudhary, S. and Rathore,S.) | Institute of Management Education, Ghaziabad | December 13-14, 2013 | Institute of Management Education, Ghaziabad |
| 3. | Debdeep De | Assistant Professor | AIB Faculty Consortium | Academy of International Business, USA | June 23, 2014 | Vancouver, Canada |

External Participation in seminars, symposiums, conferences, workshops (National).

| S.No. | Name of the Applicant | Designation | Program /Conference/ Seminar/Workshop etc. | Organized by | During | Place |
|-------|-----------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------|
| 1. | Shubhangini Rathore | Assistant Professor-(II) | National seminar on "Social Change in Contemporary India: Psychological Dimensions and Social Response". Presented Papers: 1)"Relationship between Emotional Intelligence and Organizational Stress: A study of the Indian IT and Hospitality Industry" .-(Rathore, S., Ningthoujam, S., Medury, Y.) 2. "Creating Engaged Work force through Psychological Empowerment and HR Policies" -(Sombala. N, Neha Mainra & Shubhangini Rathore) | Department of Psychological Science, Sri Aurobindo College (Evening), Delhi University in collaboration with National Academy of Psychology India (NAOP), Funded by Northern Centre of I.C.S.S.R | March 21-22,2014 | Sri Aurobindo College (Evening), Delhi University |
| 2. | Shubhangini Rathore | Assistant Professor -(II) | Workshop on, "Business Research Techniques using SPSS". | IBS–Business School, Gurgaon. | April 26-27, 2014 | IBS, Gurgaon |
| 3. | Shriram Purankar | Asst. Professor | FDP on Export Procedures & Documentation | Bhartiya Vidyapeeth University – New Delhi | 24/01/2014 | Paschim Vihar, New Delhi |
| 4. | Gopal Krishna Agarwal | Professor | 14th National Conference of Practising Company Secretaries | The Institute of Company Secretaries of India | July 19-21, 2013 | Kolkatta |
| 5. | Gopal Krishna Agarwal | Professor Professor | 41st National Convention of Company Secretaries | The Institute of Company Secretaries of India | November 7-9, 2013 | Chennai |

➤ JBS National Conference on Social Media and E-Marketing, March 1, 2014

JBS organized a National Conference on Social Media and E-Marketing on March 1, 2014. The conference provided an excellent platform for participants where they could share their research, opinions and knowledge related to the latest developments in the fields of E-Marketing and Social Media. The conference was inaugurated by the Hon'ble Vice Chancellor, Prof. S.C. Saxena, who focussed on the way technology had changed the dynamics of business organisations. The session commenced with a keynote speech on Growth in a Digital World : Using the Internet for Business Reorganisation, by Dr. Y. Medury, COO, JES and Chancellor, JIIT. His session focussed on the revenue models being developed and used by E-Businesses today. This was followed by a session on Self-Service Propagation Using Digital assets for Customers and Inside the Organisation by Mr. Arvind Mehrotra, President, Asia Pacific, India and Middle East, NIIT Technologies Ltd. Mr.

Mehrotra's session focussed on how Social Media had changed the way organisations were leveraging the consumer emotions.

Mr. Guneet Singh, Head, Consumer Marketing, Google, spoke about Marketing @ Google and shed light on the various marketing endeavours of Google using new media and advertising strategies. Dr. Neena Sondhi, Professor at IMI Delhi, focussed on Exploring Customer Engagement in a virtual World. Mr. Premjeet Sodhi, COO, Lintas spoke about a new approach to Media in the Advertising World. Dr. V. S. R. Krishnaiah, Senior Technical Director, National Informatics Centre shared a very enlightening session on E-Governance-Engaging the citizen in a digital world. The Conference was widely attended by members from the Corporate sector including MMTC, IMRB, Jaypee Hotels, Jaypee Greens, Jaypee Cement, JILIT and Jaypee Corporate Communications. Research participation came in from IMI, Delhi, IIFT, Delhi and Amity, Noida. The Conference received several good quality research manuscripts. Selected manuscripts were chosen for publication in IGI Global and Inderscience. Prof. Ashok Wahi, Prof. G.K. Agarwal, and Dr. Naseem Abidi were the Conference Conveners and Dr. S. Suresh and Dr. Vandana Ahuja were the Conference Chairs. The Conference was sponsored by EMC Corporation.

➤ Visiting/Guest Faculty

Visiting 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 | Social Enterprnuership | July-14 |
| Mr. Amit Gupta | Consulting Management | Oct-Dec. 13 |
| Dr. Prachee Mishra | Leadership Skills for Managers | Jan-Feb. 14 |
| Mr. Prashant Verma | Business Research Methods | Jan-Mar. 14 |
| Dr. Sweta Goel | Financial Management-II | Jan-Mar. 14 |

Guest Faculty:

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.N. | Name | Designation | Company/ Deptt Name | Date |
|------|----------------------------|-------------------------------------------|-------------------------------------------|----------|
| 1 | Dr. Chandresh Agarwal | Chief Executive & Managing Director | IMERYYS France | 28.09.13 |
| 2 | Prof. Preetpal Singh | Former Head, Deptt. of Management Studies | IIT Delhi | 02.02.14 |
| 3 | Prof. William Webster | Vice Provost | University of California | 01.03.14 |
| 4 | Prof. A.D. Amar | Professor of Management | Seton Hall University | 04.03.14 |
| 5 | Mr. Sudhansu Kumar Kanungo | General Manager-PMO | Schneider Electric India Pvt Ltd, | 12.03.14 |
| 6 | Mr. Manish Gautam | Vice President & Cluster Head | Royal Bank of Scotland | 19.06.14 |
| 7 | Ms. Rimy Oberoi | Founder & CLO | OysterConnect.com, Oyster Learning, Noida | 19.06.14 |
| 8 | Mr. Amit Saneja | Associate Director | MTS India | 19.06.14 |
| 9 | Dr. Chandresh Agarwal | Chief Executive & Managing Director | IMERYYS France | 28.09.13 |



International Journal

2014

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1. Tiwari H., Asawa K., "Building a 256-bit Hash Function on a Stronger MD variant", Central European Journal of Computer Science, Springer. (Indexed in DBLP, Scopus), June 2014
2. S. Dawn, V. Saxena, and B.D. Sharma, "Advanced Free-form Deformation and Kullback-Liebler divergence measure for digital elevation model registration". Journal of Signal, Image and Video Processing, February 2014, Springer. <http://link.springer.com/article/10.1007/s11760-014-0621-z> DOI: 10.1007/s11760-014-0621-z (h5 index: 13, h5 median: 19) (2012 impact factor: 0.409) [Published online, Issue in press]
3. S.Mehta, H. Banati, "Context aware filtering using social behavior of frogs", Swarm and Evolutionary Computation (2014), Elsevier, <http://dx.doi.org/10.1016/j.swevo.2014.02.003> [Published online, Issue in press]
4. Gagandeep Kaur, Dr. Vikas Saxena, Prof. J. P. Gupta, "A Multi Scale Approach to Distinguish Flash Crowds from PDDoS Attacks", International Journal of Information and Communication Technology (IJICT), Inderscience, vol. 6, no. 2, pp. 213-238, 2014. [SCImago H index 3, DBLP, Scopus].
5. Manjulata and A. Kumar, "Survey on Lightweight Primitives and Protocols for RFID in Wireless Sensor Networks", International Journal on Communication Networks and Information Security, Vol. 6, No. 1, pp. 29-43, April 2014. [Scopus], (h5-(index, median) = 8, 11).
6. A. Kumar, K. Gopal and A. Aggarwal, "Design and Analysis of Lightweight Trust Mechanism for Accessing Data in MANETs", KSII Transactions on Internet and Information Systems, Vol. 8, No. 3, pp. 1119-1143, March 2014. [Scopus, DBLP, SCIE], (Impact factor[®]JCR (2013) = 0.56, AI = 0.0829, h5-(index, median) = 9, 13).

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8. Minakshi Gujral, Dr Satish Chandra, "Beyond Recommenders and Expert Finders, processing the Expert Knowledge, IJCSI International Journal of Computer Science Issues, Vol 11, Issue 1, No 2, January 2014, Page No 151 -158.
9. Shruti Jadon, Anubhav Singhal, Suma Dawn. Military Simulator-A Case Study of Behaviour Tree & Unity based architecture. International Journal of Computer Applications (IJCA), 88(5):26-29, February 2014. DOI: 10.5120/15350-3691
10. C Gandhi, G Suri, RP Golyan, P Saxena, BK Saxena," Packet Sniffer--A Comparative Study", International Journal of Computer Networks & Communications Security, Vol 2, Issue 5, May 2014, pp.179-18.
11. Amanpreet Kaur, Surabhi Agarwal, Tushar Gupta," Concept of Fan Regulator using MINI-2440", International Journal of Engineering Research & Technology (IJERT) ,Vol. 3 Issue 5, May - 2014.
12. Shukla, Y., Biswas, K. K., Jain, C., and Thakur, M. K., "siRNA efficacy prediction using multi-task multi kernel learning," Advanced Science, Engineering and Medicine, Vol. 6, No. 1, January 2014, pp. 124-126.
13. Neeraj Sirohi, Divakar Yadav, A new approach for database "Column-oriented DBMS" International Journal of Software and Web Sciences, vol. 1, issue 7, ISSN No. 2279-0063 , pp. 62-88, 2014.

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14. Tiwari H., Asawa K., "Enhancing the Security Level of SHA-1 by Replacing the MD Paradigm", Journal of Computing and Information Technology, SRCE, vol. 21, no. 4, pp. 223-233, Nov. 2013. (Indexed in Scopus and DBLP)

15. Gagandeep Kaur, Dr. Vikas Saxena, Prof. J. P. Gupta, "A Novel Multi Scale Approach for Detecting High Bandwidth Aggregates in Network Traffic", International Journal of Security and Its Applications, vol 7, no 5, 2013, [h5-index 8].
16. Sahoo A., Chandra S., "Medical image segmentation schemes for the analysis of gynaecological malignancies", International Journal of Knowledge-Based and Intelligent Engineering Systems, vol.17, issue 4, pp. 291-304, 2013.
17. Sonia sanchez cuadrado, Vicente.palacios, Divakar yadav, Christos dimou, Jorge morato, "Evaluation of Semantic Retrieval Systems on The Semantic Web", Library Hi Tech, Emerald, Vol 31, Issue 4, ISSN: 0737-8831, Sept 2013.(Impact Factor 0.62)
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20. Divakar Yadav, Sonia Sánchez-Cuadrado and Jorge Morato, "Optical Character Recognition for Hindi Language Using a Neural-network Approach," Journal of Information Processing Systems, vol. 9, no. 1, pp. 117~140, 2013.

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22. V. Arya, Charu, "A Survey of Enhanced Routing Protocols for MANETs" published in International Journal on AdHoc Networking Systems (IJANS) Vol. 3, No. 3, July 2013.

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28. Amanpreet Kaur, Neetu Sardana, " A Novel Image Steganography(NIS) Technique", International Journal of Engineering and Computer Science, Volume 2, Issue 8, pp 2533-2535, August,2013.
29. Banati, H., Mehta, S. and Bajaj M., "Social Behaviour based Metrics to enhance Collaborative Filtering", International Journal of Computer Information Systems and Industrial Management (IJCISIM), ISSN 2150-7988 Volume 6, pp. 217 – 226, 2013.
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31. Megha Rathi, Vikas Pareek, "Spam Mail Detection through Data Mining – A Comparative Performance Analysis", IJMECS, vol.5, no.12, pp.31-39, 2013.DOI: 10.5815/ijmeecs.2013.12.05.
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5. Parmeet Kaur, “Awadhesh Kumar Singh, “Opportunistic rollback recovery in Mobile Ad hoc networks,” 2014 IEEE International Advance Computing Conference (IACC), , vol., no., pp.860-865, Feb. 2014 (Scopus)
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7. Megha Joshi, Neetu Sardana , “Design and Code Time Testability Analysis for Object Oriented Systems”, IEEE International Conference on Computing for Sustainable Global Development (INDIACom), pg: 590-592, 5-7 March ‘2014.
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3. Naswa G, Patnaik A, Singh, A. and Wadhwa, N. received 3rd Prize for Poster presentation titled "Potential of bottle gourd Polyphenol Oxidase (PPO) in baking industry". International Conference on "Future Prospects of Advancements in Biological Sciences, Health Issues & Environmental Protection", 7th and 8th February, 2014 Indira Gandhi Pratishthan, Lucknow Sponsored by Council of Science & Technology, Govt. of Uttar Pradesh
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5. Raina.S & Gupta.V, “Molecular Evolutionary Analysis of Serine Acetyltransferase”, National Conference on Emerging Trends in Medical Biotechnology and Health Care, organized by Department of Biotechnology, College of Engineering & Technology, IILM, Greater Noida, 6th-7th March, 2014
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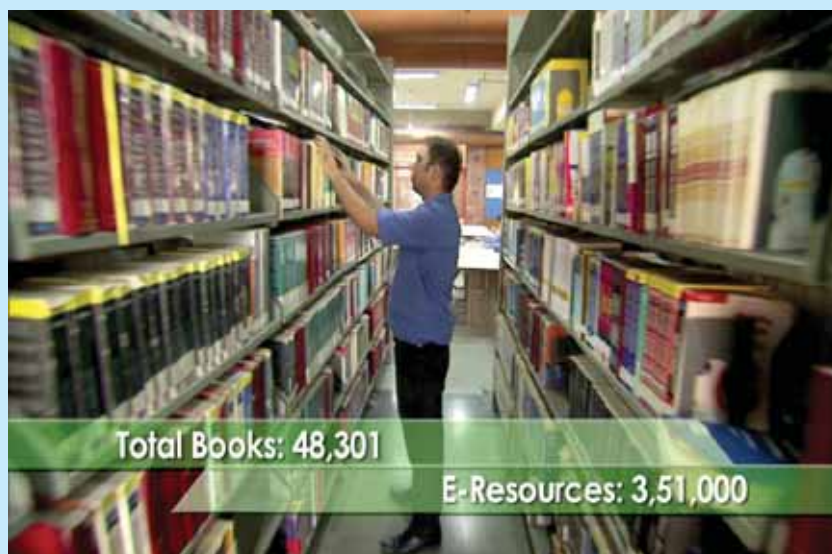
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CENTRES

Learning Resource Centre (LIBRARY)



The Learning Resource Centre at JIIT Noida is an excellent repository of learning resources. LRC has a separate block of three floors, which can accommodate about 350 users at a time. It has sixty four 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 university i.e. LRC DRS and dynamic LRC website. LRC has organized many workshops and conferences to follow up the global best practices and updates. For more information, please visit LRC website i.e. <http://www.jiit.ac.in/lrcjiit/>

Objectives

- To provide support to teaching, learning and research programs;
- To accommodate and disseminate universe of knowledge on the focus areas;
- To create best possible environment to users for self learning; and
- To develop a center of knowledge in Engineering, Science & Technology Sector.

Resource Collection

(i) Books (as per Accession Register): 42596

Department Wise

| S.No. | Department | Total No. of Titles (Approx) | Total No. of Volumes (Approx.) |
|-------|--------------------------------------------|------------------------------|--------------------------------|
| 1 | Biotechnology | 2234 | 5514 |
| 2 | Electronics & Communication | 2704 | 6711 |
| 3 | Computer Science & IT | 3581 | 10950 |
| 4 | Mathematics | 2505 | 5600 |
| 5 | Physics, Materials Science and Engineering | 1117 | 2754 |
| 6 | Humanities and Social Science | 5596 | 11067 |
| | Total | 17737 | 42596 |

Books (as per Accession Register): 5719 (Sector 128 Campus)

Department Wise

| S. No. | Department | Total No. of Titles (Approx) | Total No. of Volumes (Approx) |
|--------|--------------------------------------------|------------------------------|-------------------------------|
| 1 | Electronics & Communication | 368 | 1634 |
| 2 | Computer Science & IT | 249 | 1609 |
| 3 | Mathematics | 141 | 584 |
| 4 | Physics, Materials Science and Engineering | 70 | 627 |
| 5 | Humanities and Social Science | 406 | 1265 |
| | Total | 1234 | 5719 |

(ii) Electronics Resources

ACM Digital Library

| S. No. | Resources | No. of Resources |
|--------|------------------------|------------------|
| 1 | Journals | 44 |
| 2 | Magazines | 10 |
| 3 | Proceedings | 252 |
| 4 | Newsletters | 51 |
| 5 | Oral History interview | 6 |
| | Total | 363 |

IEEE (Five Users)

| | | |
|---|----------------------------------------|-------|
| 1 | IEEE journals, transactions, magazines | 273 |
| 2 | IEEE conference proceedings | 11792 |
| 3 | IEEE published standards | 5100 |
| | Total | 17165 |

Springer Link and LNCS

| | | |
|---|-----------------------------------|------|
| 1 | Journals | 586 |
| 2 | Lecture Notes in Computer Science | 7079 |
| | Total | 7665 |

INFLIBNET Journals

| | | |
|---|-------------------------------------|----|
| 1 | AIP (American Institute of Physics) | 26 |
| 2 | APS (American Physical Society) | 14 |
| 3 | IOP (Institute of Physics) | 46 |
| | Total | 86 |

EMERALD

| | | |
|---|----------------------------------|-----|
| 1 | Management and its related areas | 175 |
|---|----------------------------------|-----|

ABI/INFORM Complete

| | | |
|---|----------------------|--------|
| 1 | Full text Journals | 3800 |
| 2 | Indian Journals | 42 |
| 3 | Full-Text Newspapers | 40 |
| 4 | Country Reports | 220000 |

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|----|--------------------------|--------|
| 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 |

CMIE (Centre for Monitoring Indian Economy)

| | |
|---|-------------------------------------|
| 1 | Prowess |
| 2 | Business Beacon |
| 3 | Economic Intelligence Service (EIS) |
| 4 | Industry Analysis Service (IAS) |

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 4326 CDs / DVDs are available in Learning Resource Centre for users.

(iii) Print Magazines/Journals - 84

| | | |
|---------------|---|----|
| International | : | 5 |
| National | : | 79 |

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

| | | |
|----------|---|----|
| National | : | 12 |
|----------|---|----|

(v) Newspapers : 38

(vi) Newspapers - 25 (Sector 128 Campus)

Resources Added during the year 2013-14

(i) Books (as per Accession Register): 1067

Department Wise

| S.No | Department | Total No. of Titles (Approx) | Total No. of Volumes (Approx) |
|------|--------------------------------------------|------------------------------|-------------------------------|
| 1 | Biotechnology | 57 | 314 |
| 2 | Electronics & Communication | 53 | 113 |
| 3 | Computer Science & Information Technology | 90 | 290 |
| 4 | Mathematics | 65 | 119 |
| 5 | Physics, Materials Science and Engineering | 46 | 121 |
| 6 | Humanities and Social Science | 44 | 110 |
| | Total | 355 | 1067 |

Books (as per Accession Register): 266 (Sector 128 Campus)

Department Wise

| S.No. | Department | Total No. of Titles (Approx) | Total No. of Volumes (Approx) |
|-------|--------------------------------------------|------------------------------|-------------------------------|
| 1 | Electronics & Communication | 17 | 75 |
| 2 | Computer Science & IT | 33 | 111 |
| 3 | Mathematics | 9 | 14 |
| 4 | Physics, Materials Science and Engineering | 3 | 12 |
| 5 | Humanities and Social Science | 49 | 54 |
| | Total | 111 | 266 |



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 18 heavy duty Network Laser Printers, two Line matrix printers, 58 desktop printers and 13 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 Nehalem Quad-Core Servers | 12 |
| | | Intel xeon processor servers | 11 |
| | | 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 | 38 |

Desktops/Laptop

| Sr.No. | Location | Server Configuration | Qty. |
|--------|-----------------|----------------------|-------------|
| 1 | JIIT Sector 62 | Intel Core i3 | 300 |
| | | Intel Core2Duo | 350 |
| | | Intel P-IV Desktops | 400 |
| | | Laptop | 5 |
| 2 | JIIT Sector 128 | Intel Core i3 | 470 |
| | | Intel Core2Duo | 110 |
| | | Laptop | 2 |
| | | Total | 1637 |

Engineering, Technical Computing and General Use Softwares

| | | |
|---------------|-----------------------|----------------------------------------------|
| 3-DMax | LotusSmartSuite | PSPICE |
| AdobeSuite | Macromedia | RationalRose |
| Animo | Mathematica | SAP |
| BorlandC++ | Matlab | Schrödinger |
| CiscoWorks | Memspro | SigmaPlot |
| FPGA | Modelsim | Softimage |
| Gaussian | MOE | Softimage |
| Hyberchem | MSSOffice | Softlink Liberty Library Management Software |
| Illustratorpe | MSPProject | SPSS |
| Jboss | NetworkSimulator | SymantecAntivirus |
| LabView | Oracle11g | VisualProlog |
| LANtanner | Photoshop Pe | VisualStudioNET |
| LotusDomino | Prowess CMIE Database | ZenWorks |

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/2003/Windows7 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 38 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. Five wall mounted machines have been installed in different academic blocks for capturing the attendance of the faculty and staff. 85 IP cameras & 10 speed dome cameras 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 CAT5/CAT6 UTP for providing seamless connectivity. It consists of more than 5000 network access points spread using 104 Cisco Switches, 4 Routers, 56 Wireless access points and 26 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.

New Additions

| | | |
|-------------------------------------|---|-----------------------------------------------------------------|
| Server | : | Intel Xeon Processor Qty 3 |
| Storage | : | IBM STORAGE V3700 |
| Desktop | : | Intel Core i3-3220 Qty 100 |
| Network Switches | : | Cisco WS-C2960S 48Port Qty 4 Cisco WS-C2960-24PS (POE) Qty 2 |
| Wi-Fi Access Point | : | 25 Nos |
| Redhat Enterprise Linux Server | : | 1 Nos |
| Redhat JBOSS Enterprise Application | : | 1 Nos |
| Windows Server Standard 2012 | : | 1 Nos |
| Printers Desktop | : | 3 Nos |
| Printers Network | : | 1 Nos |

ONGOING PROJECTS

| SL | Name of PI | Deptt. | Amount (Rs.) Sanctioned | Subject/ Project Title | Funding Agency |
|----|------------------------|--------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| 1 | Dr. S Krishna Sundari | BIO | 2422000 | "Formulation of Microbial consortia with parallel biofertilizer and biocontrol properties" | Department of Biotechnology (DBT) |
| 2 | Dr. Papia Chowdhury | PMSE | 936000 | "Bistability due to intra-molecular and inter-molecular charge transfer in different environments" | Department of Science & Technology (DST) |
| 3 | Dr. Manoj Kumar | PMSE | 1158000 | "Synthesis and study of structural, dielectric, magnetic and magnetoelectric properties of multiferroic materials" | Department of Science & Technology (DST) |
| 4 | Dr. R. K. Dwivedi | PMSE | 5131179 | "Investigations on Multifunctional Properties of alkaline earth and rare earth doped $BFe_{1-x}Ti_xO_3$ solid solutions" | Department of Science & Technology (DST) |
| 5 | Dr. Anirban Pathak | PMSE | 1275000 | "Theoretical study of higher order nonclassicality and its applications" | Department of Science & Technology (DST) |
| 6 | Dr. Shweta Dang | BIO | 2517500 | "Nanoparticle based Drug delivery system of some antiepileptic drugs for Brain Drug Delivery through nasal route" | Department of Biotechnology (DBT) |
| 7 | Dr. Vibha Rani | BIO | 4165200 | "Stage specific microRNA profiling from developing chick heart" | Department of Biotechnology (DBT) |
| 8 | Dr. Vibha Rani | BIO | 2989000 | "Effect of curcumin on cardiac hypertrophy" | Department of Biotechnology (DBT) |
| 9 | Dr. Shweta Dang | BIO | 1599400 | "Development and evaluation of green tea catechins based intravaginal nanoemulsion gel for the treatment of urinary tract infections" | Department of Biotechnology (DBT) |
| 10 | Dr. Sanjay Gupta | BIO | 6840800 | "Purification of Chikungunya Virus nsP3 Protein for Peptide Based Inhibitor and Structural Studies" | Department of Biotechnology (DBT) |
| 11 | Dr. Vibha Gupta | BIO | 4050000 | "Structural Biology of CysE from Pathogenic Organisms - Potential for Rational Drug Design" | Department of Biotechnology (DBT) |
| 12 | Dr. Nidhi Gupta | BIO | 692200 | "Development of biocatalyst for dearomatization of diesel" | Department of Biotechnology (DBT) |
| 13 | Dr. Sujata Mohanty | BIO | 3410000 | "Studies on the Phylogenomics and Population Genomics of India Drosophila" | Department of Science & Technology (DST) |
| 14 | Dr. S. Krishna Sundari | BIO | 659600 | "Ability of select PGPM strains to remediate organophosphate pesticides commonly used in agriculture" | Department of Biotechnology (DBT) |
| 15 | Dr. Sanjay Gupta | BIO | 1811550 | "Development of reagents for simple immunochemical tests for the detection of Chikungunya infection" | Department of Biotechnology (DBT) |

INTERNATIONAL LINKAGES

The Institute has developed collaboration with some foreign educational Institutes.

| Collaborating University/Organization | Salient Features |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>The Finnish Universities of Applied Sciences, Finland</p> <p>Diaconia University of Applied Sciences</p> <p>HAMK University of Applied Sciences</p> <p>HUMAK University of Applied Sciences</p> <p>Kajaani University of Applied Sciences</p> <p>Central Ostrobothnia University of Applied Sciences</p> <p>HAAG-HELIA University of Applied Sciences</p> <p>Helsinki Metropolia University of Applied Sciences</p> <p>Jyväskylä University of Applied Sciences</p> <p>Kemi-Tornio University of Applied Sciences</p> <p>Kymenlaakson Ammattikorkeakoulu University of Applied Sciences</p> <p>Laurea University of Applied Sciences</p> <p>North-Karelia University of Applied Sciences</p> <p>PIRAMK University of Applied Sciences</p> <p>Rovaniemi University of Applied Sciences</p> <p>Seinäjoki University of Applied Sciences</p> <p>TAMK University of Applied Sciences</p> <p>VAMK University of Applied Sciences</p> <p>Lahti University of Applied Sciences</p> <p>Mikkeli University of Applied Sciences</p> <p>Oulu University of Applied Sciences</p> <p>Satakunta University of Applied Sciences</p> <p>Savonia University of Applied Sciences</p> <p>South-Karelia University of Applied Sciences</p> <p>Turku University of Applied Sciences</p> <p>Yrkeshogskolan NOVIA University of Applied Sciences</p> | <p>MoU aims at facilitating mutual academic exchange, research and educational cooperation. Involves:</p> <ul style="list-style-type: none"> • Exchange of faculty members (teachers and staff) and researchers • Exchange of students- Students to be nominated by the sending Institution. Exchange students will not pay any tuition fees or other charges related to studies. Students will bear lodging and boarding expenses and all other living expenses. Host Institution shall bear no financial responsibility for visiting exchange students. Limited programs in Information Technology, Electronics, Civil Engineering, Media Engineering and Environmental Engineering. (Further details, as per the program announced from time to time by respective Universities.) • Joint research projects • Exchange of information and publications • Development of joint educational activities, joint and double degrees and courses • Other activities mutually agreed by the two parties |
| <p>The Alliance of 4 Universities (A-4U) of Spain</p> <p>Univeritat Autònoma De Barcelona(UAB)</p> <p>Universidad Autònoma De Madrid(UAM)</p> <p>Universidad Carlos III de Madrid(UC3M)</p> <p>Univeritat Pompeu Fabra(UPF)</p> | <p>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.</p> <p>Area of activity for development of the specific programmes of common interest include:</p> <ul style="list-style-type: none"> • 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 |

| Collaborating University/ Organization | Salient Features |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <ul style="list-style-type: none"> • 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 | <p>UCB and JIIT recognize the value of educational, cultural and scientific exchanges between Universities and thus encourage:</p> <ul style="list-style-type: none"> • 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 <p>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.</p> <ul style="list-style-type: none"> • UCBE to provide academic & organizational development assistance as well as education & training activities in a number of fields and subjects including:- <ul style="list-style-type: none"> ❖ Design of curricula for proposed undergraduate and postgraduate studies. ❖ Development of appropriate faculty profiles. ❖ Internship opportunities with United States 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 | <ul style="list-style-type: none"> • 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 |

| Collaborating University/ Organization | Salient Features |
|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>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.</p> <ul style="list-style-type: none"> 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 | <p>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:</p> <ul style="list-style-type: none"> 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 |
| University of Westminster, London, England, United Kingdom | <p>The primary objective is to explore collaborative development in selected areas based on common interest</p> <ul style="list-style-type: none"> Development of joint delivery post graduate programmes which allow the students to study part of their degree in India and part in London. Project dissertations to be jointly supervised. Develop programmes in Business Intelligence IT, Broadband & High Speed Communication Networks, DSP for Multimedia Communication. Creation of jointly supported staff development programme. This could include entry to University of Westminster postgraduate programmes and split mode PhD for both staff and students Consultancy work to assist the development of new Postgraduate courses. |
| University of Westminster, London, England, United Kingdom | <p>The primary objective is to explore collaborative development in selected areas based on common interest</p> <ul style="list-style-type: none"> Development of joint delivery post graduate programmes which allow the students to study part of their degree in India and part in London. Project dissertations to be jointly supervised. Develop programmes in Business Intelligence IT, Broadband & High Speed Communication Networks, DSP for Multimedia Communication. |

| Collaborating University/ Organization | Salient Features |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <ul style="list-style-type: none"> • Creation of jointly supported staff development programme. This could include entry to University of Westminster postgraduate programmes and split mode PhD for both staff and students • Consultancy work to assist the development of new Postgraduate courses. |
| University of Abertay Dundee (UAD), Scotland, United Kingdom | The MOU aims at: <ul style="list-style-type: none"> • 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. • Identify and develop further links between UAD and JIIT that may be of mutual benefit to both partners |
| Cheng Shiu University, Taiwant | The MOU aims at: <ul style="list-style-type: none"> • 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 2013-2014 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 is 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 /Adjunct 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 4 adjunct and 13 visiting 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.

➤ The Jaypee India Scholars Fund : has been launched to provide financial assistance to meritorious students with poor financial and economic conditions for pursuing higher technical education in the Jaypee Education System. Under the scheme financially and economically poor students are provided financial assistance equivalent to the Institutional fee each every year for pursuing the UG/Dual Degree programs. The scheme was started from the admission year 2008. The scholarship is available for all the years of their study, provided they maintain a minimum performance every year in their respective program of study. The unique aspect of this scholarship scheme is that such students enter into an undertaking to repay back the total scholarship amount over a period of 3 years, after graduating from the Institute.

➤ 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 comprises of a core team with 15 members working in departments namely Public Relations, Hospitality, Finance, Internal Affairs, Technical, Digital Design and Creative. The team successfully conducted the biggest event of the college i.e. Impressions 2014 along with Ebullience'13 and Farewell for the batch of '14. This team successfully worked in coordination with the hubs of the college in organizing and hosting various events ranging from technical to cultural and managerial as well.

1. RIBOSE (Technical Hub, Department of Biotechnology)

With the support of JYC, 3 events were organized by the RIBOSE hub in IMPRESSIONS 2014, wherein the hub got external support from GbioFin, Mumbai.

Details of the events are as follows-

| S.No. | Event name | Event type | Description |
|-------|------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Campus Green | Environment Protection and awareness | The aim of this event is to make students more aware about the various resource efficient methods taken up by the college campus that help in effective usage of water, energy and other resources; reduces waste, pollution and environmental degradation and also protects the health of the occupant. |
| 2 | Scavenger Hunt | Technical | Solving the mystery on the basis of clues |
| 3 | Microbe Premier League | Industry Oriented | Participants will have to set up a virtual industry by bidding on a list of microbes given to them. Each microbe will have a fixed money value and turnover. Team with Maximum money and turnover left will emerge as victorious. |

2013 - A Multidisciplinary quiz competition "Kya Aap Dasvi Paas Se Teez Hein" 28/10/2013 (Academic Year 2013-14)

2014 (5th September, 2014)

Freshers' Hub orientation was organized to update and instigate first year students of the biotechnology department about the activities of RIBOSE. (Academic Year 2014-15)

2. ICREATE (Sketching Hub)

The following are the contributions of the sketching hub:

Date: 30/3/2014 to 01/04/2014 - 3 events during Impressions 2014. Names of events: Merge & Sketch, Two Phazz, and Go 3D (major event).

3. KALAKRITI (Rangoli Hub)

Date: 8/3/2014 to 09/03/2014 - 4 events during Impressions 2014. Names of events: Conventional Rangoli was a major Event & Junk Rangoli, Sand Art & Graffiti minor events

4. CREATIVE WRITING HUB

Events organized: 3 during Impressions one in poetry, one in 21 letters (this was about the guessing certain theme and the last one was blog writing apart from this club keep on organizing meets almost in every two months.

5. PAROLA (Literary Hub)

(i) Date: 12/10/2013-13/10/2013; Event: 'Jaypee Youth Parliament'; An inter college event was organized in which students from various colleges and schools participated. It was an academic simulation of Indian Parliament in form and content.

(ii) Date: 13/11/2013; Event: Extempore; An extempore was organized on the occasion of Maulana Azad's Birthday which is also celebrated as National Education day. Students spoke about him and his ideologies.

- (iii) Date: 22/2/2014 - 23/2/2014; Event: 'Jaypee Model United Nation'; An inter college event was organized in which students from various colleges and schools from all over India participated. It was an academic simulation of UN committees.
- (iv) Date: 9/3/2014 - 10/3/2014; 3 events during Impressions 2014. Names of events: (1) Ideally Speaking: It was a bilingual extempore organized on 9th March 2014. (2) Literary Pictionary: It was a game of Pictionary based on famous books and writers held on 10th March 2014. And (3) Battle of Brains: It was the mega event held on both the days. It had a quiz on first day and a creative writing competition on the second day.



6. PAGE TURNER SOCIETY (Book Hub)

The following are the contributions of the hub:

- (i) 16/08/2013 – First book exchange of the semester- “Read” was organized. Many books were exchanged between students.
- (ii) 09/11/2013 – Another book exchange “INSPIRE” was organized to return the previous books and issue some new books to students, along with showcasing inspirational and motivating novels.
- (iii) 05/02/2014 – Our event, the “Newbies” was held where apart from books being exchanged, new released novels were discussed and recommended by fellow students. Games were played as well where the winners were presented with PTS bookmarks.
- (iv) 08/03/2014-09/03/2014 – IMPRESSIONS 2014 saw our hub organize three spectacular events- “Treasure Trove”, “The 5Ws” and “Acrostics- Old wine in new bottle”.
- (v) 18/04/2014 – The hub organized “Classic Creations”. Books were exchanged and old books were returned. Classics were main topic of interest and fellow students discussed the impact of classic literature in contemporary works.

7. JHANKAAR (Dance Hub)

The following are the contributions of the Dance hub:

- (i) Date: 5/10/2013; Event: 'Dandiya Night'; A Dance Night organized by the Dance hub for all JIIT students.
- (ii) Impressions 2013 - 4 events during Impressions 2013.
Names of events: Ensparque (Group Dance Competition), Tap n Twist (Duet Dance Competition), Thirrkann (Solo Dance Competition), On the Spot Dancing.

8. RADIANCE HUB

The following are the contributions of the Radiance hub:

- (i) THEME-NIGHT (24th Oct; 2013 and 6th Feb; 2014)
Radiance hub proposed to manage and organize an event 'THEME NIGHT' held in JIIT, Noida.
Through this event we aimed at creating awareness about recent social and economic affairs in an innovative way.

It was a competition amongst 3-4 teams of around 14 participants each show-casing and highlighting a certain important issue.

Hundreds of students participated in the event and 16 final participants were selected for the final walk on the stage of the auditorium.

(ii) Mr and Ms Impressions 2014 (April 2014)

Radiance hub proposed to manage and organize an event 'Mr and Ms Impressions' held in the cultural fest of JIIT, Noida in 2014.

Through this event we aimed at boosting the stage confidence and presence of the students.

It was a competition amongst 16 students, 8 girls and 8 boys.

Students were groomed to sparkle on stage.

(iii) Mr and Ms Ebullience 2014 (August 2014)

Radiance hub proposed to manage and organize an event 'Mr and Ms Ebullience' held in JIIT, Noida.

Through this event we aimed at creating awareness about recent social and economic affairs in an innovative way.

It was a competition amongst around 16 participants.

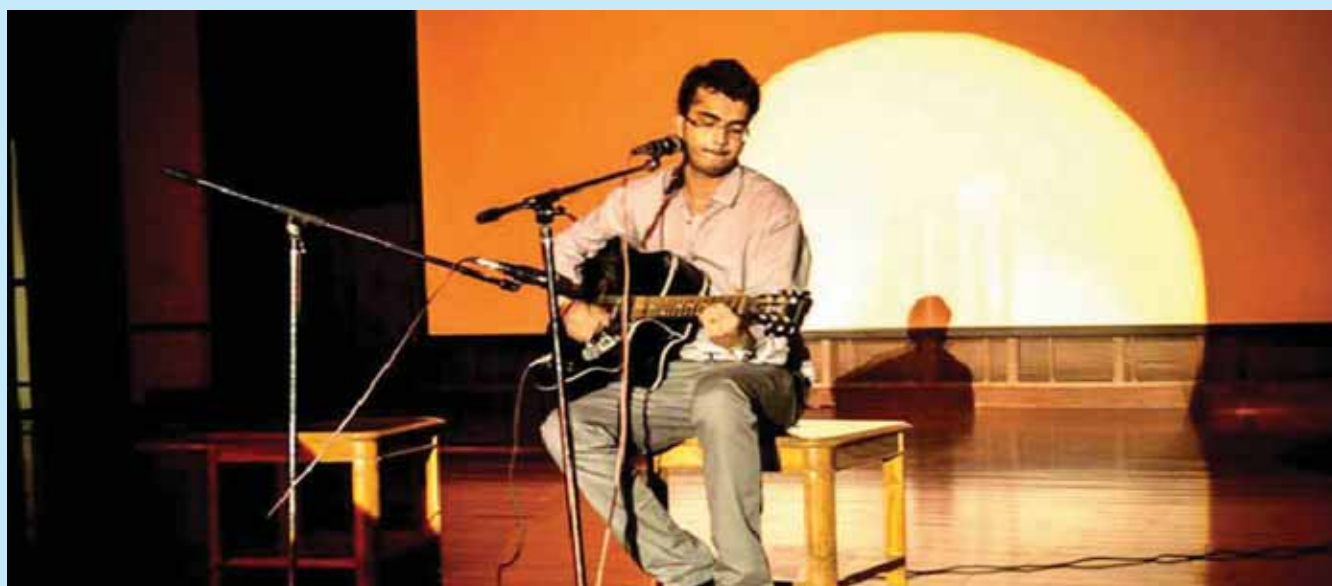
Only first year students were to participate in this event and there was an overwhelming response for the event in which near about 400 students participated in the event (auditions were carried out in three phases) and 16 final participants were selected for the final walk on the stage of the auditorium.

The first year students selected for the event were groomed to be presentable and face the questions on stage confidently.

9. MUSIC HUB

(i) Date: 16/11/2013; Event: "Karoake Meet" an open platform encouraging seasoned & non-seasoned musical talent of JIIT students.

(ii) Date: 8/3/2014 to 9/3/2014; Names of Events during Impressions 2014- Chimes Solo, Nouveau music, Vocals Duet, Sing star and 'Suron Ki Jung' a major even that had participation by more than 45 teams comprising of students from JIIT and Delhi NCR.



10. EXPRESSIONS (Painting Hub)

(i) Date: 16/11/2013: Event: "Dream, Discover & Doodle" an impromptu painting activity on socially and culturally motivated themes.

- (ii) Date: 8/3/2014 to 9/3/2014: Names of events during Impressions 2014 – Live art studio a continuous two day long painting exhibition inspired by different genres of movies and aptly named ‘Ticket to Bollywood’, Abhivyakti and Design Mania.



11. SPORTS HUB

The following sports meet was organized under the aegis of SPORTS HUB:

- (i) Fun Sports Meet 2014

Sports event by the name “FUN SPORTS MEET 2014” was held in the month of February 2014. Eight disciplines for boys namely badminton, table tennis, snooker, basket ball, volleyball, football and cricket featured in the event. Sports for girls included badminton, table tennis, basket ball and football. Chess competition was contested together by boys and girls.

Overwhelming response saw about 900 students registering for various disciplines. Preliminary matches ensured that the mercury rose to the highs where the finals would be played undoubtedly between the two best teams.

In a keenly contested sports meet, sportsmen spirit of a very tall order was evident throughout the meet and that the same needs a special mention.

Winners/winning teams received a total of 64 medals (golden finish) while the runners up received 64 medals (silver finish).

The glittering prize distribution ceremony ended on a very high tone where one and all were looking forward to the next edition – “Fun Sports Meet 2015”.



12. CICE (Electronics Hub)

The following are the contributions of cice hub –

- (i) 23/10/2013 to 26/10/2013--basic electronics workshop for all first and second year students of JIIT organized and conducted by cice hub.
- (ii) 28/11/2013 to 30/11/2013- a workshop on matlab and its application for all the students of JIIT organized and conducted by cice
- (iii) 26/02/2014 to 02/03/2014--a workshop on introduction to orcad and circuit simulation for all the students of JIIT. The software was introduced to all the students and certain important circuits were being simulated giving them a brief but concrete idea about the software.
- (iv) 04/03/2014 – A Guest lecture by the technical head of Sofcon Company.
- (v) 08/03/2014 to 09/03/2014 –events: at the fest-> matlab kings; orcado-mania; ‘wire junkies ‘which was also the major event of the festival.

13. Knuth Programming Hub

- (i) KNUTH is a Programming Hub (one of the technical hubs of Department of CSE/IT) of JIIT Noida and was incepted in year 2011 with a vision to develop a community of coders/programmers at JIIT Noida. It regularly organizes a series of workshops and programming competitions, “Execute”. During University’s annual fest, “Impressions”, the hub conducts annual programming competition, “The KNUTH Cup”, and many other events based on design, testing, debugging, technical papers, project exhibition, etc.



These workshops and competitions are organized with zeal and enthusiasm to share with the participants the passion of coding and provide them a competitive environment to polish their skills and enhance their problem solving abilities.

It also encourages and facilitates student participation in various national, international, and online programming competitions, e.g., ACM ICPC, CodeChef, TopCoder, etc.

Facebook Page Link: <https://www.facebook.com/groups/jiit.knuth/>

Major Activities:

- (i) Conducted the programming competition (Execute 12.1) on 18th February 2012. Around 140 students participated in Execute 12.1
- (ii) Conducted the programming competition (Execute 12.2) on 21st March 2012. Around 130 students participated in Execute 12.2
- (iii) Conducted the programming competition (Execute 12.3) on 24th November 2012. Around 160 students participated in Execute 12.3
- (iv) Conducted the programming competition (Execute 13.1) on 19th January 2013. Around 170 students participated in Execute 13.1
- (v) Conducted one day workshop on “Competitive Programming” on 28th September 2013. The workshop is being attended by more than 200 students.
- (vi) Conducted the programming competition (Execute 13.2) on 5th October 2013. Around 160 students participated in Execute 13.2
- (vii) Conducted the programming competition (Execute 14.1) on 18th January 2014. Around 210 students participated in Execute 14.1
- (viii) Conducted the Hostel Combat which includes Technical Quiz (on 1st March 2014) followed by Execute 14.2 (on 2nd March 2014). Around 180 students participated in Technical Quiz and 140 students participated in Execute 14.2.
- (ix) Conducted the programming competition (Execute 14.3) on 26th April 2014 during 2 Days IT Symposium – Cyber Srishti. Around 250 students participated in Execute 14.3
- (x) Conducted the orientation program on 17th September 2014 with fresh team of coordinators. Around 250+ students participated in the orientation program.
- (xi) Conducted workshops WS14.1, WS14.2, and WS14.3 on 8th, 9th, and 15th October 2014 respectively. Around 200+ participants participated in each workshop.
- (xii) Conducted the online Weekly Programming Challenge from 13th October 2014 to 17th October 2014. Around 350+ students participated in the week long online challenge.

14. ROBOTICS HUB

The μ CR Hub organized four events during the annual college fest, Impressions '14. Each event demanded participants to exhibit superiority in a different skill set, and each event drew a diverse and respectable crowd from both within and outside the college. The events and their fields of focus were:

Grendizer – Manual Robotics

Blitzkrieg – Autonomous Robotics

Trasanova – Manual/Autonomous Coordinated Robotics

Compito Impromptu – Embedded Systems Programming

The μ CR Hub's events quite effectively eclipsed all other technical competitions held during Impressions '14. The enthusiasm and efforts demonstrated by participants were testimony to their devotion to development in the field of robotics.

The following are the workshops organized by the hub in the going academic session:

- Image Processing Workshop
- Manual Robotics Workshop
- Advanced Autonomous Robotics Workshop
- Basic Autonomous Robotics Workshop

15). MULTIMEDIA HUB

The following are the contributions of the music hub:

- (i) Date: 08/03/14; Event: “AndroGamia”, A gaming events where the games were made by the MM hub
- (ii) Date: 08/03/14; Event: “MovoDigita”, a Event for competition between the Digital movie making and showcasing
- (iii) Date: 08/03/14-Event for “BollyWood”, an Event for quiz on BollyWood events.

16). GRAPHICS AND ANIMATION HUB

Odd Sem 2013

| S.No | Events | Date | No. of audience |
|------|-------------------------------------------------------|-------------------------|-----------------|
| 1. | Orientation Session | 1/10/2013 | 200-250 |
| 2. | Adobe Photoshop | 15/10/2013 | 60-90 |
| 3. | Advance Workshop On Photoshop | 23/10/2013 | 40-50 |
| 4. | Briefing Session-Photoshop | 29/10/2013 | 25-30 |
| 5. | Oblivion-(Poster Designing Intra-College Competition) | 29/10/2013 to 2/11/2013 | 48 |
| 6. | Prize Distribution | 23/11/2013 | 40-50 |

Even Sem 2014

| S.No | Events | Date | |
|------|--------------------------|---------------------------|----------------|
| 1. | Adobe Light Room | 30/01/2014 4-7/02/2014 | 50-60 attended |
| 2. | Adobe After Effects | 4-6/03/2014 | 40-50 attended |
| 3. | Impression's 2014 Events | | |
| | 1. Pixel Shuffler | 8/03/2014 | 20-25 |
| | 2. Inlusio | 8/03/2014 | 20-25 |
| | 3. Genesis | 9/03/2014 | 20-25 |

Odd Sem 2014

| S.No | Events | Date | No. of audience |
|------|-----------------------|------------|-----------------|
| 1. | Orientation Session | 12/09/2014 | 60-80 |
| 2. | Software Distribution | 1/10/2014 | 20-25 |
| 3. | Workshop on Photoshop | 06/10/2014 | 40 students |
| 4. | Workshop On Photoshop | 08/10/2014 | 15-20 |

17). THESPIAN CIRCLE (DRAMATICS HUB)

Thespian Society (Theatre Hub)

- (i) Date: 21/11/13; Event: Undersecretary; A grand annual production of the Thespian Hub especially for the JIIT students, members of faculty and staff. It was a hilarious drama set up in the bygone 1970s era.
- (ii) Date: 08/03/14; Jharokha; An Impressions street-play event which had external participation as well.
- (iii) Date: 09/03/14; Mono ya Dono; An Impressions event which was a stage performance which clubbed mono acting with duet performance. It was for all interested JIIT as well as external students that gave them an opportunity to showcase their monoacting and acting with partner skills.
- (iv) Date: 08/03/14; Abhinay; An Impressions stage-play (English and Hindi) event for JIIT as well as external students that catered to their acting skills on the stage.
- (v) Freshers' Night; A musical drama based on the exhilaration and challenges of the college life, staged for JIIT students.

TRAINING & PLACEMENTS

Highlights: - Engineering placements

- High end companies like Microsoft, Amazon, SAP, Deloitte etc offering salaries up to 16 lac pa visited our campus for students graduating in 2013.
- A total of 52 students brought us laurels by succeeding in companies like Amazon, SAP, Deloitte etc with higher salaries ranging from 6 lacs to 18 lacs.
- Job scenario continued to be poor during this period. However JIITians achieved over 90% placements in absolute terms.
- Our Dual degree B Tech-MBA student Mr. Vidur Bhatnagar was awarded Employee of the year-2013 by SAP Labs India Pvt Ltd. He filed 2 patents in USPTO for research done to optimize SAP HANA (an in memory platform).
- Collegiate Cyber Threat Competition - Wave III was organized by Deloitte for selected 11 colleges across the country and over 3000 students participated in it. Deloitte concluded the Grand Finale on May 2nd, 2014 with teams from JIIT Noida, ITM Gurgaon and IIT Roorkee featuring in the Top 5 and battling for the top spot. Results were as follows:

| Event | Students of JIIT | Position/Award |
|------------------|-------------------------------------------------------|------------------------------------------|
| Fire in the Hole | Abhinav Gupta, Utkarsh Garg, Ujjwal Dua | (2nd) Runners-Up cash prize of INR 75000 |
| SoS | Omung Chaturvedi, Siddharth Srivastava, Shivam Tiwari | Fourth |

- SAP Utility of Tomorrow Contest 2013: The contest was held to generate ideas amongst the students which would improve people's lives through digital technology.
- SAP University Alliance App Rumble India 2013: This was aimed to challenge engineering students' creativity in pursuing innovation and come out with new ideas, product or a solution which would help the World Run Better.
- Ernst & Young Campus Anchor program provided opportunity to pre final year students to interact with EY leadership and HR team and know their business in greater detail by spending a day at their Gurgaon office.
- Accenture - Innovation Jockeys Contest 2013: Contest was organized to seek ideas for innovation with regard to categories (Digital Government, Internet of Things) from the students of the college.
- Deloitte - HR Workshop - Campus to Corporate for pre final year students.
- Talk by Business Unit Head of Aricent Technology - Career in IT industry.
- Orange Business Services - Shadowing Day, where 5 pre final year students spent entire day in their office interacting their different department Heads and discussing about career of in telecom industry.
- Deloitte & Junior Achievement Seminar on Education & Employability - IMPACT DAY 2013
- Business Challenge Competition" Organized by the Deloitte for MBA 1st year students.
- Three weeks pre induction training was conducted by Accenture at JIIT campus and JUIT campus during Feb and June' 14 respectively.
- T&P conducted sessions on pre-placement. The sessions focused on the industry scenario, motivational talks, honing of various skills needed by the industry etc.

Highlights: - MBA placement

- Eminent companies like - LG, Nestle, Axis Bank, S&P Capital IQ, Click Labs, HCL Technologies, Grail Research, VIP Industries, Blackrock, Exevo etc. offered final placements with very competitive profile and compensation package.

- Placement for our MBA 2012-14 batch (sixth) has been close to 83%. Notwithstanding the poor market conditions, T&P was able to invite more than 70 companies from different sectors to recruit our MBA students, most of them offered salary package of Rs 3 lac pa and above. Highest salary this year was Rs 7 lac pa.

Placement Status – B.Tech Batch - 2010-14

| PLACEMENT STATUS : JIIT, NOIDA 2010-14 | | | no. of companies 52 |
|----------------------------------------|-------------------|---------------|---------------------|
| Branch | Eligible Students | No. of Offers | % of Placement |
| BT/DDBT | 56 | 47 | 84% |
| CSE | 294 | 295 | 100% |
| ECE | 344 | 316 | 92% |
| IT | 83 | 74 | 89% |
| Total | 777 | 732 | 94% |

Notes:

- During this year campus drive single offer has been offered.
- Highest salary - Amazon Rs 18 lac pa.
- The average salary for Engg. is Rs. 3.25 lac pa

Placement Status - MBA 2012-14 Batch

| PLACEMENT STATUS : MBA 2012-14* | No. of Companies Visited-65 |
|-------------------------------------------------|-----------------------------|
| Total No. of Offers (Including Multiple Offers) | 155 |
| Total No. of participating Students | 187 |
| No.of Offers in Percentage | 83% |

FINANCIAL STATUS

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

BOARD OF MANAGEMENT

Appendix-A

(i) Vice-Chancellor.....Chairperson

Prof. S.C. Saxena

(ii) Deans of Faculties not exceeding two (by rotation, based on seniority)

Prof. Hari Om Gupta

Director, Sector-128 Campus

Prof Irfan. A.Rizvi, Director JBS

(iii) Three Eminent Academicians as nominated by the Chancellor

Prof. William Webster

Former Vice Provost, University of California, Berkley, USA

Dr. D.P. Agrawal

Chairman, UPSC

Sh. S.S. Kohli

Former Chairman & Managing Director, PNB

(iv) One Eminent Academic to be nominated by the Central Government in consultation with UGC

Nomination awaited

(v) Two Teachers (from Professors, Associate Professors) by rotation based on seniority

Prof. Krishan Gopal

Prof. K. Kant

(vi) Nominee of Trust (or) Society limited to maximum of two

Sh. Manoj Gaur

Sh. Sunil Kumar Sharma

(vii) The Registrar, Secretary

Col. Vijay Kumar (Retd) SM, VSM

Non Member Secretary

Note : Permanent Invitee - Sh. Anand Bordia, IAS, Former Secretary to Govt. of India

ACADEMIC COUNCIL

Appendix-B

- 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 Irfan A Rizvi, Director JBS.
 - (iii) Prof. Krishan Kant
 - (iv) Prof. Krishan Gopal
 - (v) Prof. Alka Sharma, Dean-HSS
- 3. Head of the Departments (Ex-officio)**
 - (i) Prof. Bani Singh
 - (ii) Prof. R.C. Jain
 - (iii) Prof. S.K.Sharma (currently on long leave)
 - (iv) Prof. Sanjay Goel
 - (v) Prof. D K Rai
- 4. Professors other than the Heads of Departments**
 - (i) Prof. A.B. Bhattacharya
 - (ii) Prof. S.C. Katyal
 - (iii) Prof. G.S. Srivastava
 - (iv) Prof. G.K. Aggarwal
 - (v) Prof. A.K. Wahi
 - (vi) Prof. Anirban Pathak
 - (vii) Prof. Naseem Abidi
 - (viii) Prof Samir Dev Gupta
 - (ix) Prof Alka Tripathi
 - (x) Prof S P Purohit
- 5. Three Associate Professors from the Departments other than the Heads of the Departments**
 - (i) Dr Hima Gupta
 - (ii) Dr Krishna Asawa
 - (iii) Dr R K Dwivedi
- 6. Three Assistant Professors from the Departments**
 - (i) Sh. Prakash Kumar
 - (ii) Dr S Suresh
 - (iii) Dr. Rachana
- 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 N.J. Rao, Vice Chancellor, JUET, Guna (M.P.)
 - (ii) Prof. Moinuddin, Dean, Jamia Hamdard
- 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) Dr Sanjay Kataria
- 9. The Registrar, who shall be the Secretary of the Academic Council (Ex-officio)**
Col Vijay Kumar (Retd) SM, VSM

DETAILS OF INFRASTRUCTRE JIIT Campus at Sec-62

Appendix-C

| S. No | Name of the Building | Covered Area (In Sqft) |
|-------|-----------------------------------------------------------|---------------------------|
| | Admin. & Acad. Block | |
| 1 | Admin. & Acad. Block | 55897 |
| 2 | Academic Block A2/1 | 28927 |
| 3 | Academic Block A2/2 | 28789 |
| 4 | Library Block (Basement area 13828.84sqft included) | 44900 |
| 5 | Aryabhata Bhawan II (Basement area 23487.04sqft included) | 202849 |
| | Total Admin. & Acad. Area | 361363 |
| | 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 |
| | Total Hostel Area | 202673 |
| | Faculty Residences | |
| 1 | Faculty Residence R2 Block | 34805 |
| 2 | Faculty Residence R3 Block | 33439 |
| 3 | Director Residence | 6628 |
| 4 | Staff Housing | 15158 |
| | Total Faculty Residential Area | 90030 |
| | Facilities | |
| 1 | Annapurna Building | 49218 |
| 2 | Sports Complex | 18238 |
| 3 | Temple | 1585 |
| | Total Facilities Area | 69041 |
| 6 | Miscellaneous Admin Structures & Stations | 22165 |
| | Under Construction | |
| 1 | Aryabhata Bhawan III (Admin, Academic, Hostel etc.) | 531210 |
| 2 | Parking Basement | 61085 |
| | Total Area Under Construction | 592295 |
| | TOTAL AREA | 1337567 |

| | | |
|--------------------|---|-----------------------------------------------------------|
| No. of Class rooms | = | 30 (seating capacity from 35 upto 120) |
| Laboratories | = | 32 (CSE-7, ECE-8, BIO-6, PHY-3, Research Lab-6, Others-2) |
| Lecture Theatres | = | 5 (seating capacity from 270 upto 300) |
| Syndicate Rooms | = | 6 (seating capacity from 40 - 85) |
| Tutorials | = | 18 (seating capacity from 120 - 262) |
| Conference Rooms | = | 9 (seating capacity 10 upto 60) |
| Auditorium | = | 1 (seating capacity 1800 & Viewing capacity = 2200) |

JIIT Campus at Sec-128

| | Area (In Sq.ft) |
|-----------------------------|------------------------------------|
| Total area | 39606.88 sq m (9.786 acres) |
| Built up area incl basement | 253628 40126.90 |
| Basement | 79283.55 |
| Ground Floor | 81913.94 |
| First Floor | 57662.08 |
| Second Floor | 34769.22 |
| Utility Building | 24248 |
| Basement | 3278.36 |
| Ground Floor | 10030.69 |
| First floor | 2283.38 |
| Area under pool | 4365.98 |
| Area under deck | 4289.69 |
| Cost (Approximate) | 35 Crores |

ACADEMIC AREA

| | Nos |
|---------------------------------|-----|
| Classrooms (capacity 60 - 80) | 7 |
| Lecture theatres (90 – 180) | 9 |
| Tutorial rooms (upto 30) | 10 |
| Computer labs | 3 |
| Computer lab/Language lab (HSS) | 1 |
| ECE labs | 9 |
| CSE labs | 3 |
| Psychology lab | 1 |
| Physics lab | 1 |
| Library | 1 |

ADMIN AREA

| | |
|-------------------|---|
| Admin Block | 1 |
| Faculty Block | 4 |
| Annapurna | 1 |
| Cafe | 2 |
| Multipurpose hall | 1 |
| Server room | 1 |
| Hub room | 1 |
| Conference rooms | 5 |



Facilities & Utilities (At Sec-62)

Banking

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

PCO

There is a PCO inside the campus, having facility of local, STD and ISD calls from 8.00 am to 8.00 pm.

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 the LRC and also near Tuck shop 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, Cricket

Indoor

| | |
|----------------------------|---------------------------------------------------------------------------------------------------------|
| Boys & Girls Swimming Pool | Pool with adequate no. of shower, change rooms water filtration and chlorination facilities |
| Billiards | As above. |
| Pool Table | A new billiards and snooker table is installed in Indoor Sports Complex |
| Table Tennis | A new pool table is also available for students. |
| Carom & Chess | 5 TT tables are installed in Indoor Sports Complex. |
| Boys Gym | Each hostel has a separate carom & chess lounge. |
| Girls Gym | A well equipped boys gym with Tread Mills and equipments are available for the students |
| | 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 4 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 -3), 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 ICICI Bank Ltd. for opening the savings account.

Two ATM machines are installed by Axis Bank and Central Bank of India at Sector 128. Extension counter of Central Bank of India 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 - Under construction

Sports:

Outdoor

There is provision for playing the following outdoor sports.

Basketball, Lawn Tennis, Volleyball, Football, Cricket

Indoor

| | |
|----------------|-------------------------------------------------------------------------------------------------------------------------------|
| Swimming Pool | Swimming Pool with adequate number of shower, change rooms water filtration and chlorination facilities – under construction. |
| Badminton | Three badminton courts are available in the air conditioned multipurpose hall with synthetic flooring. |
| Table Tennis | 4 TT tables are installed in the air conditioned multipurpose hall with synthetic flooring. |
| Squash courts | Two air conditioned squash courts with glass back under construction. |
| Carrom & Chess | Available. |
| Boys Gym | Under construction |
| Girls Gym | Under construction |

Details of Transport

Two buses ply for the students; one from Ghaziabad and one within Noida

LIST OF FACULTY

Appendix-D

LIST OF FACULTY DEPARTMENT - DESIGNATION

| SL | EMP. CODE | FACULTY NAME | CURRENT DESIGNATION | QUALIFICATION |
|------------------------------------|-----------|----------------------------|-----------------------------|--------------------------------------------------------------------------------|
| 1 | JIIT1458 | PROF. S.C. SAXENA | VICE CHANCELLOR (ACTG.) | BE(1970), ME (1973), Ph.D. (1977) |
| 2 | JIIT1498 | PROF. HARI OM GUPTA | DIRECTOR-SECTOR-128 | BE (1972), ME(1975), Ph.D. (1980) |
| 3 | JIIT1390 | PROF. KRISHNA KANT | DEAN (ACADEMICS) | B.Sc. (1970), M.Sc.(Physics) (1972), M.Sc.(Tech.) (1975), Ph.D. (1981) |
| 4 | JIIT1486 | PROF. ALKA SHARMA | DEAN (HUMANITIES) | B.Sc. (1983), MA(1986), M.Phil.(1988), Ph.D.(1995) |
| 5 | JIIT1492 | PROF. KRISHNA GOPAL | DEAN (ACADEMICS & RESEARCH) | B.Sc.(1963), B.Tech.(1966), M.Sc(Engg.) (1972), Ph.D.(1979) |
| DEPARTMENT OF BIOTECHNOLOGY | | | | |
| 6 | JIIT1286 | PROF. SANJEEV KUMAR SHARMA | PROFESSOR | B.Sc.(1986), M.Sc.(1988), Ph.D.(1999) |
| 7 | JIIT1212 | DR. SANJAY GUPTA | ASST PROF | B.Sc.(1991), M.Sc.(1993), Ph.D.(2000). |
| 8 | JIIT1024 | DR. NEERAJ WADHWA | ASST PROF | B.Sc.(1984), M.Sc.(1986), Ph.D.(1995) |
| 9 | JIIT1072 | DR. S.KRISHNA SUNDARI | ASST PROF | B.Sc.(1991), M.Sc.(1993), Ph.D.(1999). |
| 10 | JIIT1157 | DR. SUDHA SRIVASTAVA | ASST PROF | B.Sc.(1991), M.Sc.(1993), M.Phil.(1995), Ph.D.(2001) |
| 11 | JIIT1215 | DR. SUJATA MOHANTY | ASST PROF | B.Sc.(1984), M.Sc.(1986), Ph.D.(1992) |
| 12 | JIIT1136 | DR. INDIRA P SARETHY | ASST PROF | B.Sc.(1992), M.Sc.(1994), Ph.D(2000) |
| 13 | JIIT1155 | DR. REEMA GABRANI | ASST PROF | B.Sc.(1991), M.Sc.(1993), Ph.D.(1998) |
| 14 | JIIT1267 | DR. VIBHA RANI | ASST PROF | B.Sc.(1996), M.Sc.(1998), M.Phil.(2001), Ph.D.(2005) |
| 15 | JIIT1404 | DR. PAMMI GAUBA | ASST PROF | B.Sc.(1981), M.Sc.(1983), Ph.D.(1988) |
| 16 | JIIT1353 | DR. RACHANA | ASST PROF | B.Sc.(1996), M.Sc.(1998), Ph.D.(2005) |
| 17 | JIIT1482 | DR. VIBHA GUPTA | ASST PROF (SR GR) | B.Sc.(1987), M.Sc.(1990), Ph.D.(1998) |
| 18 | JIIT1346 | DR. SHWETA DANG | ASST PROF (SR GR) | B.Pharma (1998), M.Pharma.(2001), Ph.D.(2005) |
| 19 | JIIT1218 | DR. KAMAL RAWAL | ASST PROF (SR GR) | BHMS(2000), Advanced PG Diploma in Bioinformatics(2002), Ph.D (2009) |
| 20 | JIIT1318 | DR. NIDHI GUPTA | ASST PROF (SR GR) | B.Sc.(1998), M.Sc.(2000), NET(2000), GATE, Ph.D.(2006) |
| 21 | JIIT1438 | DR. ASHWANI MATHUR | ASST PROF (SR GR) | B.Sc.(2000), M.Sc.(2002), Ph.D.(2009) |
| 22 | JIIT1402 | DR. SMRITI GAUR | ASST PROF (SR GR) | B.Sc.(2001), M.Sc.(2003), Ph.D.(2010) |
| 23 | JIIT1430 | DR. SHALINI MANI | ASST PROF (SR GR) | B.Sc.(2000), M.Sc.(2002), Ph.D.(2009) |
| 24 | JIIT1187 | DR. SUSINJAN BHATTACHARYA | ASST PROF (GR-II) | B.Sc.(1996), M.Sc.(1999), Ph.D(2002) |
| 25 | JIIT1078 | DR. CHAKRESH KUMAR JAIN | ASST PROF (GR-II) | B.Sc.(1993), M.Sc.(1997), AIS(2001), MCA(2006), Ph.D. (2011), ALCCS-IETE(2011) |
| 26 | JIIT1464 | DR. PRIYADARSHINI | ASST PROF (GR-II) | B.Sc.(1998), M.Sc.(2001), Ph.D.(2010) |
| 27 | JIIT1322 | MS. MANISHA SINGH | ASST PROF (GR-I) | BPT(2004), MPT(2007) |
| 28 | JIIT1439 | DR. GARIMA MATHUR | ASST PROF (GR-I) | B.Sc.(2000), M.Sc.(2002), Ph.D.(2008) |

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING & INFORMATION TECHNOLOGY

| | | | | |
|----|----------|-----------------------------|-------------------|----------------------------------------------------------------------------|
| 29 | JIIT1020 | PROF. SANJAY GOEL | PROFESSOR | BE (1986), M.Sc., M.Tech.(1991), Ph.D.(2011) |
| 30 | JIIT1068 | DR. KRISHNA ASAWA | ASST PROF | B.Sc.(1993), MCA(1998), Ph.D.(2002) |
| 31 | JIIT1204 | DR. VIKAS SAXENA | ASST PROF | B.Tech.(2000), M.E.(2002), Ph.D.(2008) |
| 32 | JIIT1175 | DR. DIVAKAR YADAV | ASST PROF | B.Tech. (1999),M.Tech. (2005), PhD (2010) |
| 33 | JIIT1156 | MR. PRAKASH KUMAR | ASST PROF (SR GR) | B.E.(1993), M.Tech.(2000). |
| 34 | JIIT1448 | DR. SAURABH KUMAR RAINA | ASST PROF (SR GR) | B.Tech. (2000),MS (2003), PhD (2006) |
| 35 | JIIT1462 | DR. SATISH CHANDRA | ASST PROF (SR GR) | B.E. (1997),M.Tech. (2003), PhD (2010) |
| 36 | JIIT1058 | DR. SANDEEP KUMAR SINGH | ASST PROF (SR GR) | B.Sc.(1997), PGDM(1999), 'B' Level (2001), MCA (2002), Ph.D.(2011) |
| 37 | JIIT1491 | DR. CHARU | ASST PROF (SR GR) | B.Tech. (2003), M.Tech.(2005), Ph.D. (2011) |
| 38 | JIIT1392 | DR. CHETNA GUPTA | ASST PROF (SR GR) | BE (2004), M.Tech. (2006), Ph.D. (2011) |
| 39 | JIIT1223 | DR. CHETNA DABAS | ASST PROF (SR GR) | B.Sc.(1998),M.Sc.(2000), M.Tech(2002), Ph.D.(2011). |
| 40 | JIIT1070 | DR. SHELLY SACHDEVA | ASST PROF (SR GR) | B.E.(2001), M.Tech.(2004), Ph.D. (2012) |
| 41 | JIIT1517 | DR. DEVPRIYA SONI | ASST PROF (SR GR) | B.Sc. (1998), MCA (2002), Ph.D. (2012) |
| 42 | JIIT1532 | DR. NEETU SARDANA | ASST PROF (SR GR) | B.Sc. (1997), MCA (2001), Ph.D. (2011) |
| 43 | JIIT1572 | DR. DHARMVEER SINGH RAJPOOT | ASST PROF (SR GR) | BE (2005), M.Tech(2008), Ph.D. (2013) |
| 44 | JIIT1137 | DR. SHIKHA K MEHTA | ASST PROF (SR GR) | B.Sc.(1998), MBA(2000), WDA(2001), M.Tech.(2003), Ph.D (2013). |
| 45 | JIIT1537 | DR. BUDDHA SINGH | ASST PROF (SR GR) | B.E.(2004), M.Tech. (2008), Ph.D. (2013) |
| 46 | JIIT1150 | DR. ANUJA ARORA | ASST PROF (SR GR) | B.Sc.(2001), M.Sc.(2003), Diploma in C, C++(2003), MS (2009), Ph.D. (2013) |
| 47 | JIIT1213 | DR. MANISH KUMAR THAKUR | ASST PROF (SR GR) | BE(1998), M.Tech.(2004). Ph.D.(2014). |
| 48 | JIIT1616 | DR. MUKESH SARASWAT | ASST PROF (SR GR) | B.E. (2001), M.Tech. (2010), Ph.D. (2013) |
| 49 | JIIT1618 | DR. GOVIND PRASAD GUPTA | ASST PROF (SR GR) | B.E. (2000), M.Tech. (2007, Ph.D. (2014) |
| 50 | JIIT1021 | MR. BHARAT GUPTA | ASST PROF (GR-II) | BE(1999), M.Tech.(2000), Ph.D.(Pursuing). |
| 51 | JIIT1134 | MS. MINAKSHI GUJRAL | ASST PROF (GR-II) | B.Tech.(1998), MS(2001)Ph.D.(Pursuing). |
| 52 | JIIT1088 | MS. MUKTA GOYAL | ASST PROF (GR-II) | B.Tech.(1995), M.Tech.(1999) |
| 53 | JIIT1051 | MS. K.RAJALAKSHMI | ASST PROF (GR-II) | BE(2000), ME(2001) |
| 54 | JIIT1219 | MS. KAVITA PANDEY | ASST PROF (GR-II) | BE(2002), M.Tech.(2003). Ph.D(Pursuing) |
| 55 | JIIT1174 | MS. HEMA N | ASST PROF (GR-II) | BE(2000), M.Tech.(2003). Ph.D.(Pursuing). |
| 56 | JIIT1178 | MS. GAGANDEEP KAUR | ASST PROF (GR-II) | B.E.(2002), M.E.(2004). |
| 57 | JIIT1201 | MR. ADARSH KUMAR | ASST PROF (GR-II) | B.Tech.(2003), M.E.(2005) Ph.D.(Pursuing). |

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|----|----------|----------------------------|-------------------|----------------------------------------------------------|
| 58 | JIIT1229 | MS. SUMA DAWN | ASST PROF (GR-II) | BE(2002), M.Tech.(2005). |
| 59 | JIIT1228 | MS. INDU CHAWLA | ASST PROF (GR-II) | BE(2000), M.Tech(2006) |
| 60 | JIIT1220 | MR. PAWAN KUMAR UPADHYAY | ASST PROF (GR-II) | B.Sc.(2000), M.Sc.(2002), M.Tech.(2005). |
| 61 | JIIT1288 | MS. SANGEETA MITTAL | ASST PROF (GR-II) | B.Tech.(2000), M.Tech.(2007). |
| 62 | JIIT1121 | MR. TRIBHUWAN KUMAR TIWARI | ASST PROF (GR-II) | B.Sc.(1998), B.E. (2003), M Tech.(2007) |
| 63 | JIIT1396 | MR. GAURAV SAXENA | ASST PROF (GR-II) | B.Tech.(2001), M.Tech.(2008) |
| 64 | JIIT1400 | MR. SANDEEP JAIN | ASST PROF (GR-II) | B.Tech.(2004), M.Tech.(2007) |
| 65 | JIIT1355 | MS. SHIKHA JAIN | ASST PROF (GR-II) | B.Tech.(2003), M.Tech.(2007) |
| 66 | JIIT1423 | MS. DHANALEKSHMI G. | ASST PROF (GR-II) | B.Tech. (1995), M.Tech. (2002) |
| 67 | JIIT1324 | MS. PARMEET KAUR | ASST PROF (GR-II) | BE(1998), M.Tech. (2008) |
| 68 | JIIT1366 | MR. K. VIMAL KUMAR | ASST PROF (GR-II) | BE(2004), ME(2007) |
| 69 | JIIT1442 | MR. SANJEEV | ASST PROF (GR-II) | B.Tech.(2005), M.Tech.(2008) |
| 70 | JIIT1299 | MS. ARCHANA PURWAR | ASST PROF (GR-II) | B.Sc.(1999), MCA(2003), M.Tech.(2007) |
| 71 | JIIT1365 | MR. VIVEK MISHRA | ASST PROF (GR-II) | B.E.(2003), M.Tech.(2009) |
| 72 | JIIT1135 | MS. ARTI JAIN | ASST PROF (GR-II) | B.Sc.(1998), MCA(2002). MS (Pursuing) |
| 73 | JIIT1504 | MR. SANTOSH KUMAR VERMA | ASST PROF (GR-II) | B.Tech.(2004), M.Tech.(2009), Ph.D. (Pursuing) |
| 74 | JIIT1408 | MS. MEGHA RATHI | ASST PROF (GR-II) | B.Tech.(2005), M.Tech. (2010) |
| 75 | JIIT1547 | MS. ADWITIYA SINHA | ASST PROF (GR-II) | BCA (2006), MCA (2008), M.Tech. (2010), Ph.D. (Pursuing) |
| 76 | JIIT1556 | MS. HARVINDER | ASST PROF (GR-II) | BE (2004), ME (2008) |
| 77 | JIIT1604 | MR. PRASHANT KAUSHIK | ASST PROF (GR-II) | B.Tech. (2003), M.Tech. (2008) |
| 78 | JIIT1508 | MS. NIYATI AGRAWAL | ASST PROF (GR-II) | B.Tech.(2006), M.Tech. (2010) |
| 79 | JIIT1501 | MS. ANUBHUTI RODA MOHINDRA | ASST PROF (GR-II) | B.Tech.(2007), MS (2008) |
| 80 | JIIT1514 | MS. AMBALIKA SARKAR | ASST PROF (GR-II) | B.Tech.(2006), M.Tech. (2010) |
| 81 | JIIT1518 | MR. GAURAV KUMAR NIGAM | ASST PROF (GR-II) | B.Tech.(2005), M.Tech. (2009) |
| 82 | JIIT1515 | MS. AMANPREET KAUR | ASST PROF (GR-II) | B.Tech.(2006), M.Tech. (2009) |
| 83 | JIIT1619 | MR. RAVINDER AHUJA | ASST PROF (GR-II) | B.Tech.(2005), M.Tech. (2011) |
| 84 | JIIT1510 | MS. SANGEETA | ASST PROF (GR-II) | B.Sc.(2007), M.Sc.(2009), M.Tech.(2011) |
| 85 | JIIT1525 | MS. SHIPRA MADAN | ASST PROF (GR-II) | B.Tech.(2005), M.Tech. (2012) |
| 86 | JIIT1530 | MR. PULKIT MEHNDIRATTA | ASST PROF (GR-II) | B.Tech.(2010), M.Tech. (2012) |
| 87 | JIIT1497 | MR. HIMANSHU AGRAWAL | ASST PROF (GR-I) | B.E.(2007), M.Tech. (2011) |
| 88 | JIIT1538 | MS. ANURADHA GUPTA | ASST PROF (GR-I) | B.Tech.(2008), M.Tech. (2012) |
| 89 | JIIT1540 | MS. VIDUSHI WANCHOO | ASST PROF (GR-I) | B.Tech.(2009), M.Tech. (2012) |
| 90 | JIIT1541 | MR. SUDHANSHU KULSHRESTHA | ASST PROF (GR-I) | B.Tech.(2009), M.Tech. (2011) |
| 91 | JIIT1548 | MR. HIMANSHU MITTAL | ASST PROF (GR-I) | B.Tech.(2010), M.Tech. (2012) |

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|------------------------------------------------------------------|----------|-----------------------------------|-------------------|------------------------------------------------------------|
| 92 | JIIT1550 | MR. RAJU PAL | ASST PROF (GR-I) | B.Tech.(2010), M.Tech. (2012) |
| 93 | JIIT1546 | MS. ARPITA JADHAV BHATT | ASST PROF (GR-I) | B.E. (2008), M.E. (2010) |
| 94 | JIIT1554 | MS. SHARDHA PORWAL | ASST PROF (GR-I) | Diploma-IT (2004), B.Tech.(2007), M.Tech. (2012) |
| 95 | JIIT1557 | MS. SAKSHI AGARWAL | ASST PROF (GR-I) | B.Tech.(2010), M.Tech. (2012) |
| 96 | JIIT1573 | MS. ADITI SHARMA | ASST PROF (GR-I) | B.Tech. (2011), M.Tech. (2013) |
| 97 | JIIT1580 | MS. ANKITA GUPTA | ASST PROF (GR-I) | B.Tech. (2011), M.Tech. (2013) |
| 98 | JIIT1575 | MS. ANKITA | ASST PROF (GR-I) | B.Tech. (2011), M.Tech. (2013) |
| 99 | JIIT1579 | MS. SOMYA JAIN | ASST PROF (GR-I) | B.Tech. (2010), M.Tech. (2013) |
| 100 | JIIT1576 | MR. KISHORE KUMAR YARRAMSHETTY | ASST PROF (GR-I) | B.Tech. (2008), M.Tech. (2010) |
| 101 | JIIT1582 | MR. MAHENDRA KUMAR GURVE | ASST PROF (GR-I) | B.E (2010), M.Tech. (2013) |
| 102 | JIIT1574 | MR. ROHIT PAL SINGH | ASST PROF (GR-I) | B.Tech. (2011), MS (2013) |
| 103 | JIIT1570 | MS. PARUL AGARWAL | ASST PROF (GR-I) | B.Tech. (2010), M.Tech. (2012) |
| 104 | JIIT1587 | MR. BANSIDHAR JOSHI | ASST PROF (GR-I) | B.Tech. (2009), M.Tech. (2011) |
| 105 | JIIT1571 | MS. VARTIKA SRIVASTAVA | ASST PROF (GR-I) | B.Tech. (2009), M.Tech. (2013) |
| 106 | JIIT1569 | MS. AKANKSHA BHARDWAJ | ASST PROF (GR-I) | Dual Degree (B.Tech.-M.Tech.)-(2013) |
| 107 | JIIT1583 | MR. ANKUR KULHARI | ASST PROF (GR-I) | B.Tech. (2010), M.Tech. (2012) |
| 108 | JIIT1600 | MR. AVINASH CHANDRA PANDEY | ASST PROF (GR-I) | B.Tech. (2007), M.Tech. (2012) |
| 109 | JIIT1300 | MS. PURTEE KOHLI | ASST PROF (GR-I) | B.Sc.(1998), MCA(2001), M.Phil. (2008) |
| 110 | JIIT1606 | MS. KRITIKA RANI | ASST PROF (GR-I) | Diploma in CSE (2008), B.Tech. (2011), M.Tech. (2013) |
| 111 | JIIT1607 | MS. TAJINDER KAUR | ASST PROF (GR-I) | B.Tech. (2010), M.E. (2012) |
| 112 | JIIT1625 | MS. RASHI GARG | ASST PROF (GR-I) | B.Tech. (2012), M.Tech. (2014) |
| 113 | JIIT1626 | MS. AAYUSHEE GUPTA | ASST PROF (GR-I) | B.Tech. (2012), M.Tech. (2014) |
| 114 | JIIT1617 | MR. YOGESH SINGH | ASST PROF (GR-I) | B.Tech. (2008), M.Tech. (2013) |
| 115 | JIIT1623 | MS. SUPREET KAUR BAKSHI | ASST PROF (GR-I) | B.Tech. (2007), M.Tech. (2011) |
| 116 | JIIT1635 | MR. VIVEK GOEL | ASST PROF (GR-I) | B.E. (2008), M.E. (2011) |
| DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING | | | | |
| 117 | JIIT1284 | PROF. ROOP CHANDRA JAIN | PROFESSOR | B.Sc.(1966), BE(1970), ME(1978), ME(1985), Ph.D.(1988). |
| 118 | JIIT15 | PROF. A B BHATTACHARYA | PROFESSOR | Ph.D. (1961) |
| 119 | JIIT1050 | PROF. SAMIR DEV GUPTA | PROFESSOR | BE (1977), M.Tech.(1984), MSc..(1994). Ph.D.(2012). |
| 120 | JIIT1627 | DR.SHWETA SRIVASTAVA | ASST PROF | B.Tech. (1998), Ph.D. (2002) |
| 121 | JIIT1412 | DR. VIKRAM KARWAL | ASST PROF (SR GR) | B.Tech. (2001), MS (2006), Ph.D. (2009) |

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|-----|----------|---------------------------|-------------------|--------------------------------------------------------|
| 122 | JIIT1460 | DR. JITENDRA MOHAN | ASST PROF (SR GR) | B.Tech. (2001), M.Tech.(2005), Ph.D. (2011) |
| 123 | JIIT1443 | DR. SAJAI VIR SINGH | ASST PROF (SR GR) | BE (1998), ME(2002), Ph.D. (2011) |
| 124 | JIIT1177 | DR. MANISH KUMAR | ASST PROF (SR GR) | BE(1999), ME(2003). Ph.D.(2012) |
| 125 | JIIT1321 | DR. VIVEK KUMAR DWIVEDI | ASST PROF (SR GR) | BE(2003), ME(2006), Ph.D. (2012) |
| 126 | JIIT1118 | DR. ASHISH GOEL | ASST PROF (SR GR) | B.Tech.(2002), M.Tech.(2004). Ph.D.(2013). |
| 127 | JIIT1588 | DR. PULI KISHORE KUMAR | ASST PROF (SR GR) | B.Tech.(2006), M.Tech. (2008). Ph.D.(2013). |
| 128 | JIIT1463 | DR. VIPIN | ASST PROF (SR GR) | BE (2003), M.Tech.(2003), Ph.D. (2013) |
| 129 | JIIT1186 | DR. VIJAY KHARE | ASST PROF (SR GR) | BE(1998), M.Tech.(2000), Ph.D.(2013) |
| 130 | JIIT1291 | DR. RICHA GUPTA | ASST PROF (SR GR) | BE(2003), M.Tech.(2005). Ph.D. (2013) |
| 131 | JIIT1602 | DR. MEGHA AGARWAL | ASST PROF (SR GR) | B.Tech. (2007), M.Tech. (2009), Ph.D. (2013) |
| 132 | JIIT1154 | DR. VINEET KHANDLWAL | ASST PROF (SR GR) | BE(1999), M.Tech.(2003). Ph.D. (2014) |
| 133 | JIIT1216 | DR. RAJESH KUMAR DUBEY | ASST PROF (SR GR) | B.Tech.(1999), M.Tech.(2002), Ph.D.(2014). |
| 134 | JIIT1269 | DR. JASMINE SAINI | ASST PROF (SR GR) | BE(2000), ME(2004), Ph.D. (2014) |
| 135 | JIIT1555 | DR. BHARTENDU CHATURVEDI | ASST PROF (SR GR) | B.Tech. (2005), M Tech. (2008), Ph.D. (2014) |
| 136 | JIIT1620 | DR. ANIL KUMAR | ASST PROF (SR GR) | B.E. (2002), M.E. (2005), Ph.D. (2013) |
| 137 | JIIT1060 | MR. SHAMIM AKHTER | ASST PROF (GR-II) | B.Tech.(2001), M.Tech. (2002). |
| 138 | JIIT1283 | MR. RAHUL KAUSHIK | ASST PROF (GR-II) | B.Sc.(1998), B.Tech.(2001), M.Tech.(2003). |
| 139 | JIIT1231 | MR. ATUL KUMAR SRIVASTAVA | ASST PROF (GR-II) | B.Tech.(1998), MS(2002). |
| 140 | JIIT1083 | MS. BHAWNA GUPTA | ASST PROF (GR-II) | B.Tech.(2001), M.Tech.(2003). |
| 141 | JIIT1075 | MS. SMRITI BHATNAGAR | ASST PROF (GR-II) | B.Tech.,(1990),ME(1994) |
| 142 | JIIT1027 | MR. PANKAJ KUMAR YADAV | ASST PROF (GR-II) | Diploma Engg.(1994), AMIETE(1999), M.Tech.(2001) |
| 143 | JIIT1183 | MS. REEMA BUDHIRAJA | ASST PROF (GR-II) | BE(2002), ME(2005). |
| 144 | JIIT1399 | MR. SATYENDRA KUMAR | ASST PROF (GR-II) | BE(1998), M.Tech.(2002) |
| 145 | JIIT1405 | MR. ALOK JOSHI | ASST PROF (GR-II) | B.Tech. (2001), M.Tech.(2006) |
| 146 | JIIT1326 | MS. SHRUTI KALRA | ASST PROF (GR-II) | B.Tech.(2005), M.Tech.(2007) |
| 147 | JIIT1362 | MS. NEETU SINGH | ASST PROF (GR-II) | B.Tech.(2006), M.Tech.(2008) |
| 148 | JIIT1435 | MR. PUSHPENDRA SINGH | ASST PROF (GR-II) | BE (2000), M.TECH. (2003) |
| 149 | JIIT1480 | MR. TANUJ CHAUHAN | ASST PROF (GR-II) | B.Tech. (2006), M.Engg. SC. (2008), M Tech. Mgm.(2009) |
| 150 | JIIT1360 | MS. JUHI | ASST PROF (GR-II) | B.E.(2005), M.E.(2008) |
| 151 | JIIT1363 | MR. SAURABH CHATURVEDI | ASST PROF (GR-II) | B.Tech.(2005), M.Tech.(2008) |

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|-----|---------|------------------------------|-------------------|--------------------------------------------------------|
| 152 | JIT1233 | MR. KIRMENDER SINGH | ASST PROF (GR-II) | B.E(1994), M.Tech.(2009) |
| 153 | JIT1500 | MS. MADHU JAIN | ASST PROF (GR-II) | BE (2003), M.Tech.(2009), Ph.D. (Pursuing) |
| 154 | JIT1524 | MR. AMIT SINGHAL | ASST PROF (GR-II) | B.Tech.- M Tech. Dual Degree Program (2009) |
| 155 | JIT1424 | MR. B. SURESH | ASST PROF (GR-II) | B.Tech., (2006), M.Tech. (2010) |
| 156 | JIT1419 | MR. KAPIL DEV TYAGI | ASST PROF (GR-II) | Diploma - EC (2000), B.Tech. (2003), M.Tech. (2010) |
| 157 | JIT1426 | MS. RAKHI TOMER | ASST PROF (GR-II) | B.Tech. (2006), M.Tech. (2010) |
| 158 | JIT1567 | MS. MONIKA | ASST PROF (GR-II) | B.Tech. (2004), M.Tech. (2010), Ph.D. (Pursuing) |
| 159 | JIT1481 | MS. SHIPRA KAPOOR | ASST PROF (GR-II) | B.Tech. (2009), M Tech. (2011) |
| 160 | JIT1478 | MS. RAAZIYAH SHAMIM | ASST PROF (GR-II) | B.Tech. (2009), M.Tech. (2011) |
| 161 | JIT1549 | MR. VINAY ANAND TIKKIWAL | ASST PROF (GR-II) | B.E. (2005), M.S. (2012) |
| 162 | JIT1521 | MS. PRIYANKA KWATRA | ASST PROF (GR-I) | B.Tech. (2009), M.Tech. (2012) |
| 163 | JIT1520 | MR. VISHAL NARAIN SAXENA | ASST PROF (GR-I) | B.Tech. (2009), M.Tech. (2011) |
| 164 | JIT1519 | MS. SHRADHA SAXENA | ASST PROF (GR-I) | B.Tech. (2007), M.Tech. (2012) |
| 165 | JIT1585 | MR. GAURAV VERMA | ASST PROF (GR-I) | B.Tech. (2005), M.Tech. (2012) |
| 166 | JIT1565 | MR. ANKUR BHARDWAJ | ASST PROF (GR-I) | B.Tech. (2011), M.Tech. (2013) |
| 167 | JIT1566 | MR. ABHISHEK KASHYAP | ASST PROF (GR-I) | B.Tech. (2009), M.Tech. (2013) |
| 168 | JIT1581 | MS. SUMEGHA YADAV | ASST PROF (GR-I) | B.Tech. (2010), M.Tech. (2013) |
| 169 | JIT1584 | MR. ANAND KUMAR | ASST PROF (GR-I) | B.Tech. (2010), M.Tech. (2012) |
| 170 | JIT1622 | MR. SHIVAJI TYAGI | ASST PROF (GR-I) | B.Tech. (2008), M.Tech. (2012) |
| 171 | JIT1621 | MS. DEEKSHA CHANDOLA | ASST PROF (GR-I) | B.Tech. (2011), M.Tech. (2014) |
| 172 | JIT1624 | MR. SIDHARTHA SANKAR ROUT | ASST PROF (GR-I) | B.Tech. (2008), M.Tech. (2014) |
| 173 | JIT1634 | MR. RITESH KUMAR SHARMA | ASST PROF (GR-I) | B.Tech. (2010), M.Tech. (2014) |
| 174 | JIT1637 | MR. ABHISHEK KHANNA | ASST PROF (GR-I) | B.E. (2010), M.E. (2012) |
| 175 | JIT1638 | MS. RUBY BENIWAL | ASST PROF (GR-I) | Diploma-ECE (200), B.Tech. (2007), M.Tech. (2011) |

DEPARTMENT OF MATHEMATICS

| | | | | |
|-----|---------|-----------------------------------|---------------------|---------------------------------------------------------------------------------|
| 176 | JIT1007 | PROF. BANI SINGH | PROFESSOR | B.Sc.(1961), M.Sc.(1964), Ph.D.(1968). |
| 177 | JIT1528 | PROF. GIRJA SHANKER SRIVASTAVA | PROFESSOR | B.Sc.(1965), M.Sc.(1967), Ph.D.(1972) |
| 178 | JIT1013 | DR. ALKA TRIPATHI | PROFESSOR | B.Sc.(1988), M.Sc.(1990), , Ph.D.(1995). |
| 179 | JIT1285 | DR. AMRISH KUMAR AGGARWAL | ASST PROF | B.Sc.(1987), M.Sc.(1989), B.Ed.(1990), M.Phil.(1992) PGDCA(1993) Ph.D.(2006) |
| 180 | JIT1282 | DR. BHAGWATI PRASAD CHAMOLA | ASSOCIATE PROFESSOR | B.Sc.(1988), M.Sc.(1990), NET(1999), M.Phil.(2001), Ph.D.(2006) |
| 181 | JIT1176 | DR.SANJEEV SHARMA | ASST PROF | B.Sc.(1992), M.Sc.(1994), Ph.D(2000) |

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|------------------------------------------------------------------------|----------|--------------------------------|-------------------|-----------------------------------------------------------------------------|
| 182 | JIIT1325 | DR. LOKENDRA KUMAR | ASST PROF (SR GR) | B.Sc.(1997), M.Sc.(1999), Ph.D.(2004) |
| 183 | JIIT1421 | DR. AMIT SRIVASTAVA | ASST PROF (SR GR) | B.Sc.(1996), M.Sc.(1998). Ph.D. (2008) |
| 184 | JIIT1628 | DR. PARUL TIWARI | ASST PROF (SR GR) | B.Sc.(1998), MA.(2000). Ph.D. (2008) |
| 185 | JIIT1444 | DR. PATO KUMARI | ASST PROF (SR GR) | B.Sc.(2003), M.Sc.(2005), M.Phil.(2007), Ph.D.(2010) |
| 186 | JIIT1476 | DR. PANKAJ KUMAR SRIVASTAVA | ASST PROF (GR-II) | B.Sc.(1995), M.Sc.(1999). Ph.D. (2010) |
| 187 | JIIT1594 | DR. DINESH CHANDRA SINGH BISHT | ASST PROF (GR-II) | B.Sc.(2002), M.Sc.(2004), Ph.D.(2009) |
| 188 | JIIT1513 | DR. AKHILESH KUMAR SINGH | ASST PROF (GR-II) | B.Sc.(2003), M.Sc.(2005), Ph.D.(2009). |
| 189 | JIIT1608 | DR. ANUJ BHARDWAJ | ASST PROF (GR-II) | B.Sc.(1998), M.Sc.(2000), Ph.D.(2011). |
| 190 | JIIT1591 | DR. GAGANDEEP SINGH | ASST PROF (GR-II) | B.Sc.(2001), M.Sc.(2005), Diploma in Statistics (2006), Ph.D.(2012). |
| 191 | JIIT1601 | DR. YOGESH GUPTA | ASST PROF (GR-II) | B.Sc.(1996), M.Sc.(1998), Ph.D.(2012). |
| 192 | JIIT1605 | DR. PUNEET RANA | ASST PROF (GR-I) | B.Sc.(2006), M.Sc.(2008), Ph.D.(2013). |
| DEPARTMENT OF PHYSICS & MATERIALS SCIENCE & ENGINEERING | | | | |
| 193 | JIIT1003 | PROF. D.K. RAI | PROFESSOR | B.Sc.(1986), M.Sc.(1988), Ph.D.(1994). |
| 194 | JIIT1441 | PROF. S. C. KATYAL | PROFESSOR | B.Sc.(1973), M.Sc.(1975), Ph.D.(1981). |
| 195 | JIIT1039 | PROF. ANIRBAN PATHAK | PROFESSOR | B.Sc.(1996), M.Sc.(1998), Ph.D.(2002). |
| 196 | JIIT1166 | DR. S.P PUROHIT | PROFESSOR | B.Sc.(1984), M.Sc.(1986), Ph.D.(1992). |
| 197 | JIIT1188 | DR. RAKESH KUMAR DWIVEDI | ASST PROF | B.Sc.(1985), M.Sc.(1989), M.Tech. (1994), Ph.D.(1999). |
| 198 | JIIT1131 | DR. NAVNEET KUMAR SHARMA | ASST PROF | B.Sc.(1995), M.Sc.(1997), Ph.D.(2004). |
| 199 | JIIT1182 | DR. PAPIA CHOWDHURY | ASST PROF (SR GR) | B.Sc.(1996), M.Sc.(1999), Ph.D.(2005). |
| 200 | JIIT1227 | DR. NAVENDU GOSWAMI | ASST PROF (SR GR) | B.Sc.(1996), B.Ed.(1997), M.Sc.(1999), Ph.D.(2006). |
| 201 | JIIT1564 | DR. VIKAS MALIK | ASST PROF (SR GR) | B.Sc.(1996), M.Sc.(1998), Ph.D.(2005) |
| 202 | JIIT1314 | DR. VIVEK SAJAL | ASST PROF (SR GR) | B.Sc.(1997), M.Sc.(1999), CSIR-UGC (NET) JRF (2001), Ph.D.(2008), GATE-2002 |
| 203 | JIIT1323 | DR. RAVINDRA KUMAR | ASST PROF (SR GR) | B.Sc.(2000), M.Sc.(2002), Ph.D.(2007) |
| 204 | JIIT1368 | DR. MANOJ KUMAR | ASST PROF (SR GR) | B.Sc.(2001), M.Sc.(2003), Ph.D.(2008) |
| 205 | JIIT1395 | DR. SUNEET KUMAR AWASTHI | ASST PROF (SR GR) | B.Sc.(1998), M.Sc.(2003), Ph.D.(2007) |
| 206 | JIIT1496 | DR. ALOK PRATAP SINGH CHAUHAN | ASST PROF (SR GR) | B.Tech. (2002), MS (2005), Ph.D. (2007) |
| 207 | JIIT1413 | DR. GEETIKA | ASST PROF (SR GR) | B.Sc.(2000), M.Sc.(2002), M.Tech. (2004), Ph.D.(2009) |
| 208 | JIIT1257 | DR. AMIT VERMA | ASST PROF (GR-II) | B.Sc.(1997), M.Sc.(1999), M.Tech.(2003). PH.D. (2010) |

| | | | | |
|-----------------------------------------------------|----------|------------------------------|-------------------|----------------------------------------------------------------------------------------------|
| 209 | JIIT1503 | DR. PRASHANT KUMAR CHAUHAN | ASST PROF (GR-II) | B.Sc.(1997), M.Sc.(1999), M.Tech.(2000). PH.D. (2008) |
| 210 | JIIT1406 | DR. SANDEEP CHHOKER | ASST PROF (GR-II) | B.Sc.(1999), M.Sc.(2003), Ph.D.(2010) |
| 211 | JIIT1474 | DR. BHUBESH CHANDER JOSHI | ASST PROF (GR-II) | B.Sc.(2002), M.Sc.(2004), Ph.D.(2010) |
| 212 | JIIT1531 | DR. SWATI RAWAL | ASST PROF (GR-II) | B.Sc.(2004), M.Sc.(2006), Ph.D.(2011) |
| 213 | JIIT1499 | DR. ANSHU DHIRENDRA VARSHNEY | ASST PROF (GR-II) | B.Sc.(1998), M.Sc.(2000), Ph.D.(2010) |
| DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES | | | | |
| 214 | JIIT1422 | DR. AMBA AGARWAL | ASST PROF (SR GR) | BA (1993), MA (1995), Ph.D. (2003) |
| 215 | JIIT1446 | DR. NILU CHOUDHARY | ASST PROF (SR GR) | BA (1983), MA (1985), B.Ed.(1991), Ph.D. (2000) |
| 216 | JIIT1483 | DR. RUCHI GAUTAM | ASST PROF (SR GR) | B.Sc. (H) (2002), M.Sc.(2004), UGC-NET(2003), Ph.D.(2011) |
| 217 | JIIT1205 | DR. MUKTA MANI | ASST PROF (SR GR) | B.Sc.(1998), 'O' Level Diploma(1998), MBA(2000), DBF(2002), UGC-NET(2002), Ph.D.(2010) |
| 218 | JIIT1203 | DR. NIDHI SINHA | ASST PROF (SR GR) | BBM(2001), MBM(2002), B.Ed.(2005). Ph.D. (2012) |
| 219 | JIIT1287 | DR. SHARMISTHA BHATTACHARJEE | ASST PROF (SR GR) | BA(1998), MA(2000), M.Phil.(2001), UGC-NET, Ph.D.(2007), MBA(2011) |
| 220 | JIIT1163 | DR. SANTOSHI SEN GUPTA | ASST PROF (SR GR) | BBM(2002), MBA(2003), Ph.D.(2011) |
| 221 | JIIT1461 | DR. SAKSHI VARSHNEY | ASST PROF (SR GR) | B.Com.(2001), M.Com.(2003), Ph.D. (2009), MBA (Pursuing) |
| 222 | JIIT1290 | MR. MANAS RANJAN BEHERA | ASST PROF (GR-II) | B.Sc.(1999), M.Sc.(2001), Ph.D.(Pursuing). |
| 223 | JIIT1130 | DR. BADRI BAJAJ | ASST PROF (GR-II) | B.Sc.(1996), MBA(1999).Ph.D.(2013). |
| 224 | JIIT1047 | DR. SANTOSH DEV | ASST PROF (GR-II) | BA(1976), B.Ed.(1980), M.A.(1981), PGCTE(1984), PGDHRM(2007). Ph.D. (2013) |
| 225 | JIIT1327 | DR. SWATI SHARMA | ASST PROF (GR-II) | BA(1993), PGDBM(1998), Ph.D. (2013) |
| 226 | JIIT1328 | MS. PUNEET PANNU | ASST PROF (GR-II) | BA(1989), MA(1991), B.Ed.(1992), MBA (1999) |
| 227 | JIIT1359 | DR. SHIRIN ALAVI | ASST PROF (GR-II) | B.Com.(2000), Master in Int. Business(2002), Ph.D. (2013) |
| 228 | JIIT1361 | DR. MONICA CHAUDHARY | ASST PROF (GR-II) | BA(2001), MA(2003), PGDM(2004), M.Phil.(2009), Ph.D. (2013) |
| 229 | JIIT1364 | MS. ANSHU BANWARI | ASST PROF (GR-II) | B.E.(2003), MBA(2005) |
| 230 | JIIT1470 | MS. KANUPRIYA MISRA BAKHRU | ASST PROF (GR-II) | B.Tech.(2005), MBA(2009), Ph.D.(Pursuing) |
| 231 | JIIT1471 | MR. PRAVEEN KUMAR SHARMA | ASST PROF (GR-II) | BBA(2004), MBA(2008), M.Phil.(2009) |

| | | | | |
|---------------------------------|----------|-----------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------|
| 232 | JIIT1472 | MR. DEEPAK VERMA | ASST PROF (GR-II) | B.Sc. (1997), MBA (1999) |
| 233 | JIIT1507 | MS. NAMITA SINGHAL | ASSOCIATE LECTURER | BA(1995), MA(1997), B.Ed.(2002), M.Ed. (2009), UGC-NET (2012), Ph.D.(Pursuing) |
| JAYPEE BUSINESS SCHOOL | | | | |
| 234 | JIIT1349 | PROF. GOPAL KRISHNA AGARWAL | PROFESSOR | B.Com.(1974), ICA(1978), CS(1980), CWA(1983) |
| 235 | JIIT1369 | PROF. ASHOK KUMAR WAHI | PROFESSOR | B.Tech.(1973), MBA(1975) |
| 236 | JIIT1280 | DR. NASEEM ABIDI | PROFESSOR | B.Sc.(1988), M.SC.(1990), Post B.Sc. Diploma(1991), M.Tech.(1998), Ph.D.(2002).] |
| 237 | JIIT1272 | DR. HIMA GUPTA | ASST PROF | B. Text.(1990), PGDBM(1995), Ph.D.(2007). |
| 238 | JIIT1495 | DR. RAJNISH KUMAR MISRA | ASST PROF BA (1991), M. Psy. HRDM (1999), Ph.D. (2001) | |
| 239 | JIIT1281 | DR. NRIPENDRA SINGH | ASST PROF | BA((1996), MBA(1999), MBA(2000), Ph.D.(2005). |
| 240 | JIIT1334 | DR. ASIT BANDYOPADHAYAY | ASST PROF | B.Sc.(1996), PGDCA(19970, MBA(2001), M.Sc.92005), Ph.D.(2007) |
| 241 | JIIT1294 | DR. S. SURESH | ASST PROF (SR GR) | BE(1992), PGDM(1995), Ph.D. (2013) |
| 242 | JIIT1384 | DR. MOONIS SHAKEEL | ASST PROF (SR GR) | BA (2002), MA(2004), Ph.D.(2009) |
| 243 | JIIT1488 | DR. VANDANA AHUJA | ASST PROF (SR GR) | B.Sc. ((1992), M.Sc.(1994), Ph.D.(2010) |
| 244 | JIIT1289 | DR. RAHUL SHARMA | ASST PROF (SR GR) | B.Com.(1999), M.Com.(2002), Ph.D.(2009), PGDIM(Pursuing) |
| 245 | JIIT1352 | MR. DEBDEEP DE | ASST PROF (GR-II) | B.Sc.(2003), M.Sc.(2005), Ph.D.(Pursuing) |
| 246 | JIIT1403 | DR. SUJATA KAPOOR | ASST PROF (GR-II) | B.Com.(2002), M.Com.(2004), MBA(2004), Ph.D (2010) |
| 247 | JIIT1428 | MR. M.A. SANJEEV | ASST PROF (GR-II) | B.Sc. (1993), MBA (1998), PGDSM (2003) |
| 248 | JIIT1457 | MS. SHUBHANGINI RATHORE | ASST PROF (GR-II) | BA(H)(2007), MBA(2009) |
| 249 | JIIT1313 | DR. VINKY SHARMA | ASST PROF (GR-II) | BCA(2004), MBA(2006), Ph.D. (2011) |
| 250 | JIIT1562 | MR. SHRIRAM ANIL PURANKAR | ASST PROF (GR-I) | BE (2004), MBA (2011) |
| CENTRAL ACADEMIC SECTION | | | | |
| 251 | JIIT1401 | MS. ARADHANA GOYAL | ASST PROF (GR-II) | B.Com.(1996), PGDBM(1998) |
| 252 | JIIT1509 | MS. AAYUSHI VAID | ASSOCIATE LECTURER | BBA (2009), PGDM (Dec. 2013) |

DASS GUPTA & ASSOCIATES

Chartered Accountants

B-4, NDG Enclave, Gulmohar Park, New Delhi - 110049
Phones: 46111000 (30 lines) FAX: 011-4611 1099 E-mail: admin @ dassgupta.com

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 2014 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 SOCIETY IN ACCORDANCE WITH THE INCOME TAX ACT 1961. THIS RESPONSIBILITY INCLUDES THE DESIGN, IMPLEMENTATION AND MAINTENANCE OF INTERNAL CONTROL



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



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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 2014;
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;

**DASS GUPTA & ASSOCIATES**

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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. 09056



DATE: 10/09/2014
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, 2014

| AMOUNT (RS) 31.03.2013 | LIABILITIES | SCH | AMOUNT (RS) 31.03.2014 | ASSETS | SCH | AMOUNT (RS) 31.03.2014 |
|---------------------------|-----------------------------------------------------------------------------------------------------|-----|---------------------------|---------------------------------------------|-----|---------------------------|
| 5,00,00,000 | CORPUS FUND | | 5,00,00,000 | FIXED ASSETS | | |
| 36,20,916 | REVALUATION OF ASSETS RESERVE | | | GROSS BLOCK | "A" | 55,20,84,023 |
| 5,43,781 | OPENING BALANCE | | 30,77,135 | LESS: DEPRECIATION | | 35,39,54,026 |
| 30,77,135 | LESS: DEPRECIATION DURING THE YEAR ON REVALUED ASSETS | | 4,61,315 | CAPITAL WORK IN PROGRESS | | |
| 21,48,71,497 | GENERAL FUND | | 26,15,920 | CURRENT ASSETS, LOANS & ADVANCES | | |
| 23,12,78,144 | OPENING BALANCE | | 35,96,67,433 | CASH & BANK BALANCE | "B" | 34,10,54,724 |
| (8,64,82,208) | ADD: DEVELOPMENT FEE RECEIVED DURING THE YEAR | | 24,78,81,017 | ADVANCE RECOVERABLE IN CASH OR IN KIND | "C" | 95,40,181 |
| 35,96,67,433 | ADD: SURPLUS/(DEFICIT) AS PER INCOME & EXPENDITURE ACCOUNT | | (7,87,44,776) | PREPAID EXPENSES | "D" | 1,05,30,843 |
| 32,01,940 | RESEARCH PROJECT GRANTS | | 36,69,800 | SECURITY DEPOSIT | "E" | 3,28,854 |
| 95,07,016 | OPENING BALANCE | | 1,38,29,081 | STOCK-IN-HAND | "F" | 65,39,613 |
| (90,39,156) | ADD: RECEIVED DURING THE YEAR | | 98,93,856 | | | |
| 36,69,800 | LESS: UTILISED/REFUND DURING THE YEAR | | | | | |
| 36,99,862 | SECURED LOANS | | 76,05,195 | | | |
| 22,94,02,068 | FROM PUNJAB NATIONAL BANK, SHIMLA (SECURED AGAINST LAND & BUILDING) | | | | | |
| 23,31,01,930 | FROM AXIS BANK, NEW DELHI (SECURED AGAINST LAND & BUILDING AND FLOATING CHARGE ON THE FIXED ASSETS) | | 39,69,65,544 | | | |
| 19,66,39,614 | CURRENT LIABILITIES & PROVISIONS | "G" | | | | |
| 13,86,45,873 | SUNDRY CREDITORS | "H" | 13,29,21,573 | | | |
| 3,60,07,300 | OTHER LIABILITIES | | 25,00,20,751 | | | |
| 2,91,000 | CAUTION MONEY | | 3,93,58,300 | | | |
| | CURRENT STUDENTS | | | | | |
| | DUED FOR PAYMENT DURING NEXT ONE YEAR | | | | | |
| | Rs.89,90,000/- PREVIOUS YEAR Rs.71,77,300/-) | | | | | |
| | EX-STUDENTS / UNCLAIMED | | | | | |
| 1,02,13,00,085 | TOTAL | | 1,40,82,90,857 | TOTAL | | 1,40,82,90,857 |

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) PARTNER
MEMBERSHIP NO.: 090563
PLACE: NEW DELHI
DATE: 10/09/2014

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

(MIHIR KUMAR JHA)
OFF. REGISTRAR

(SUSOM)
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 31.03.2014

| AMOUNT (RS.) 31.03.2013 | EXPENDITURE | SCH | AMOUNT (RS.) 31.03.2014 | AMOUNT (RS.) 31.03.2013 | INCOME | SCH | AMOUNT (RS.) 31.03.2014 |
|----------------------------|----------------------------|-----|----------------------------|----------------------------|------------------------------------------|-----|----------------------------|
| 11,64,40,982 | INSTITUTE EXPENSES | "I" | 13,35,73,813 | 52,40,16,359 | COLLECTION FROM STUDENTS | "L" | 57,86,57,934 |
| 32,50,40,015 | SALARY & ALLOWANCES | "J" | 36,21,80,753 | 2,14,86,720 | INTEREST RECEIVED | | 3,05,40,814 |
| 6,14,56,191 | STUDENTS' HOSTEL EXPENSES | "K" | 7,17,32,341 | 23,95,895 | OTHER MISC. INCOME | | 46,86,357 |
| 8,85,24,979 | INTEREST & FINANCE CHARGES | | 8,82,27,804 | 54,78,98,974 | DEFICIT CARRIED OVER TO BALANCE SHEET | | 61,38,85,105 |
| 4,29,19,015 | DEPRECIATION | | 3,69,15,170 | 8,64,82,208 | TOTAL | | 7,87,44,776 |
| 63,43,81,182 | TOTAL | | 69,26,29,881 | 63,43,81,182 | TOTAL | | 69,26,29,881 |

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

(ASHOK KUMAR JAIN)
PARTNER

MEMBERSHIP No: 090563
PLACE: NEW DELHI
DATE: 10/09/2014

(PROF. S. G. GAWANA)
VICE-CHANCELLOR

(MIHIR KUMAR JHA)
OFF. REGISTRAR

(SJS SOMI)
CHIEF FINANCE OFFICER

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



Jaypee Institute of Information Technology, Noida At a Glance





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JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY

(Declared as Deemed to be University u/s 3 of the UGC Act 1956)

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