

ANNUAL REPORT 2019-20



JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY

(Declared as Deemed to be University Under Section 3 of UGC Act, 1956)

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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 to be University, with effect from 01 Nov 2004
Location	: A-10, Sector-62, Noida
Pin code	: 201309
District	: Gautam Budha Nagar
State	: Uttar Pradesh

Officers of the Institute

Vice Chancellor	: Prof. S.C. Saxena
Registrar	: Col Sharad Rastogi (Retd)
Finance Officer	: Sh. Ashish Banerjee

Tele/Fax/Website

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MESSAGE FROM VICE CHANCELLOR



I am pleased to present the Annual Report for the Academic Year 2019-2020 for Jaypee Institute of Information technology, NOIDA. I would like to mention that we had an excellent placement record for the passing out batch and a successful admission cycle for the current academic year.

The faculty members actively participated in the various academic, research, sports, co-curricular activities and along with our Research Scholars published their research articles in reputed national and international journals. We enhanced our Library repository. Students participated, excelled in academic and extra-curricular activities winning various awards and medals.

However, the COVID-19 pandemic since March 2020 led to a change in our perspective of conducting the teaching-learning process. It brought challenges, commitment, hope and opportunities. The COVID-19 pandemic, the national lockdown(s), hardships faced by people, process of reopening gradually, conduct of online classes, work from home became the new lexicon in our vocabulary and will always be a part of us in times ahead.

There was a transcendental change in the manner of conduct and delivery of teaching-learning as we modified the ways to overcome the challenges imposed on us. I convey my gratitude to all our faculty, staff, students and parents for adapting to the changes and supporting us in our commitment to continue imparting education in these unprecedented times. Throughout the pandemic period, JIIT continued with the academic activities using ICT platforms.

The impact of COVID-19 will continue to be felt in the future, but we will continue to embrace a teaching-learning model that will provide the optimum benefit to our students. I am sure that with active participation from you all, we will enhance the stature of JIIT as an institution imparting quality education.

Prof Suresh Chandra Saxena
Vice Chancellor

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 Jaiprakash Sewa Sansthan (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 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 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 JIT

VISION

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

MISSION

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

OBJECTIVES

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

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

GOVERNANCE

Board of Management

As per Regulations of the Institute, the responsibility for the general superintendence, direction and control of the affairs of the Institute is vested with the Board of Management. The composition of the Board of Management is as follows:

1. **Vice-Chancellor.....Chairperson**
Prof. S.C. Saxena
2. **Maximum of four nominees of sponsoring Society/Trust/Company**
 - (i) Sh. Sunil Kumar Sharma
 - (ii) Sh. Suren Jain
 - (iii) Sh. Alok Gaur
3. **One eminent academic nominated by the Central government in consultation with UGC**
MHRD Nominee – nomination awaited
4. **Deans of Faculties not exceeding two (by rotation, based on seniority)**
 - (i) Prof. Hari Om Gupta, Director, Sector-128 campus
 - (ii) Prof. Renu Luthra, Vice Provost
 - (iii) Prof. D K Rai, Dean (A&R)
5. **Three Eminent Academicians as nominated by the Chancellor**
 - (i) Dr. D.P. Agrawal, Ex-Chairman, UPSC
 - (ii) Prof. Gautam Barua, Director IIIT Guwahati & Ex-Director IIT Guwahati.
 - (iii) Vacant
6. **Two Teachers (from Professors, Associate Professors) by rotation based on seniority**
 - (i) Prof. Alka Sharma, Dean, HSS
 - (ii) Prof. Alka Tripathi. Head, Mathematics
7. **The Registrar, Secretary**
Col Sharad Rastogi (Retd)
8. **Permanent Invitees**
 - (i) Sh. Jaiprakash Gaur Ji, Founder Chairman and First Chancellor of IIIT
 - (ii) Sh. Anand Bordia, Former member – Finance, NHAI, Secretary WCO, and Secretary, HCI London
9. **Special Invitees**
Brig. Sanjay Dawar (Retd)

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 as below:

1. The Vice Chancellor – Chairperson

Prof. S.C. Saxena

2. Director(s) / Dean(s) of Faculties

- (i) Prof. Hari Om Gupta, Director Sector 128
- (ii) Prof. Renu Luthra, Vice-Provost
- (iii) Prof D K Rai, Dean (A&R)
- (iv) Prof. Alka Sharma, Dean (HSS)

3. Head of the Departments

- (i) Prof. S C Katyal
- (ii) Prof. Alka Tripathi
- (iii) Prof. Shweta Srivastava
- (iv) Prof Vikas Saxena
- (v) Prof. Pammi Gauba

4. All Professors other than the Heads of Departments

S. No	Employee Name	Dept	S. No	Employee Name	Dept
i	Prof. Rajiv Saxena	Adjunct Prof	xii	Prof. Govinda Gopal Mitra	JBS
ii	Prof. Indira P Sarethy	Biotech	xiii	Prof. R.K. Misra	JBS
iii	Prof. Neeraj Wadhwa	Biotech	xiv	Prof. S.K. Biswas	JBS
iv	Prof. Reema Gabrani	Biotech	xv	Prof. R.C. Mittal	Maths
v	Prof. S. Krishna Sundari	Biotech	xvi	Prof. A.K. Aggarwal	Maths
vi	Prof. Sudha Srivastava	Biotech	xvii	Prof. B.P. Chamola	Maths
vii	Prof. Sujata Mohanty	Biotech	xviii	Prof. Sanjeev Sharma	Maths
viii	Prof. Vibha Rani	Biotech	xix	Prof. Anirban Pathak	PMSE
ix	Prof. Krishna Asawa	CSE/IT	xx	Prof. N.K. Sharma	PMSE
x	Prof. R.B. Mishra	CSE/IT	xxi	Prof. R.K Dwivedi	PMSE
xi	Prof. G.K. Agarwal	JBS	xxii	Prof. S.P. Purohit	PMSE

5. **Two Associate Professors from the Departments other than the Heads of the Departments by rotation of seniority**
 - (i) Dr. Ashish Goel
 - (ii) Dr. Tribhuwan Tewari
6. **Two Assistant Professors from the Departments by rotation of seniority**
 - (i) Dr. Shriram Purankar
 - (ii) Dr. Badri Bajaj
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. Manoj Mishra, IIT Roorkee.
 - (ii) Sh. Subhash Verma, Managing Director & Vice President Engineering
 - (iii) Prof. Brahmjeet Singh, NIT, Kurukshetra
 - (iv) Sh. Ranjit Sinha, Director Campus Program Ericsson India Global
8. **Three persons who are not members of the teaching staff, co-opted by the Academic Council for their specialized knowledge**
 - (i) Brig Sanjay Dawar (Retd) – Head Placements & Dean Students Welfare
 - (ii) Sh. Ashish Banerjee - CFO
9. **The Registrar, who shall be the Secretary of the Academic Council (Ex-officio)**
Col Sharad Rastogi (Retd)
10. **Special Invitee**
Mr. Mihir Kumar Jha

Planning and Monitoring Board

1. **The Vice Chancellor - Chairperson**
Prof. S C Saxena
2. **One Nominee of UGC**
Prof. K.P. Singh (Letter ref No 1-2/2016(CPP-I/DU, dated 8th February, 2019)
Professor – Emeritus
Department of Electronics Engineering
Institute of Technology
Banaras Hindu University
Varanasi-221005
3. **Eight Internal members**
 - (i) Prof. Hari Om Gupta

- (ii) Prof. Renu Luthra
- (iii) Prof. D K Rai
- (iv) Prof. Alka Sharma
- (v) Prof. Shweta Srivastava
- (vi) Prof. Amrish Kumar Agarwal
- (vii) Prof. Vikas Saxena
- (viii) Brig. Sanjay Dawar (Retd)

4. Three Outside Experts

- (i) Prof. Vinod Kumar, VC, JUIT, Wagnaghat
- (ii) Prof. Rajiv Saxena, VC, JU Anoopshahr
- (iii) Prof. P K Jain, IIT (BHU), Varanasi

5. Registrar.....Secretary

Col Sharad Rastogi (Retd)

6. Special Invitees

- (i) Sh Vivek Varshney
- (ii) Sh. S. Moondra
- (iii) Sh. Mihir Kumar Jha

Finance Committee

1. Vice Chancellor - Chairperson

Prof. S. C. Saxena

2. A person nominated by the Society/Trust/Company

Sh. S. D. Nailwal

Director, Finance, Jaiprakash Associates Limited, Sector-128

3. Two nominees of the Board of Management, one of whom shall be member of the Board

Sh. Sunil Kumar Sharma

Executive Vice Chairman, Jaypee Group of Companies

Prof. Hari Om Gupta

Director, JIIT, Sector-128 Campus

4. A representative of the Central Government

.....Nomination awaited

5. Finance Officer.....Secretary

Sh Vivek Varshney

INFRASTRUCTURE DETAILS



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

ACADEMIC PROFILE

The Academic Philosophy

Teaching

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

Research

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

Education System

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

PROGRAMS OFFERED

UG Programs

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

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

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

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

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

(i) B.Tech (Biotechnology)

The B. Tech (Biotechnology) Program aims to empower students with technical and analytical acumen, opening avenues for multidisciplinary interests in industry, education, research, and/or management. Research-driven education, an important pillar of our institute, is brought to justice by the department's well-designed curriculum, that provides students with a platform to gain hands-on experience through laboratory and project based learning, improving the understanding of theoretical knowledge. Departmental list of core courses includes Biochemistry, Environmental Studies, Thermodynamics, Immunology, Microbiology, Fermentation & Downstream Processing, Bioinformatics, Comparative & Functional Genomics, Cell Culture Technology, Genetics & Developmental Biology, Molecular Biology and Genetic Engineering, with an interdisciplinary touch from other departments in the institute. Students have the power to cater to their interests by picking their own specialized electives and value added courses like Stress Biology, Nanoscience in Food Technology, Mushroom Biology, Market Research in Biosciences, Intellectual Property Rights and Bioethics, etc.

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

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

(iii) B. Tech (Information Technology)

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

(iv) B.Tech (Electronics & Communication Engineering)

To keep pace with the rapidly evolving electronics industry requires unwavering passion and urge to innovate. This, precisely, is what the Electronics and Communication Engineering (ECE) Department at JIT is about. Electronics and Communication Engineering discipline spans a diverse set of intellectual subfields and applications. The subfields can be grouped into overlapping and interrelated areas like Signal and Image Processing, Semiconductor Device Design, Communication Systems, Data Communication Networks, Microwave and Antenna Design, Internet of Things, Wireless Communication, Microelectronics, Embedded Systems, VLSI Design, and many more.

Options to take many elective subjects provide a wonderful opportunity to the students to gain further specialization in varied domains of ECE. Students are also offered a number of courses in Computer Science and Engineering to meet the requirements of academics as well as industry. They shall undertake courses in Basic Sciences, Mathematics, Basic Engineering as well as a part of the curriculum. The program is fully supported by excellent laboratories for all the core courses like Electrical Science, Communication systems, Digital Electronics, VLSI, Electromagnetics, signal processing etc. And some advanced laboratories such as Machine learning lab, IoT Lab., Embedded and Robotics lab under E-yantra sponsored by MHRD. These labs are equipped with state of the art instruments and software tools to enable students to perform, fabrication and testing of their experiments and projects.

(v) Bachelor of Business Administration (BBA) Programme

The three year full time BBA curriculum is imaginative and flexible and is comprised of creative combinations of disciplines of study. Innovative and stimulating pedagogical practices stimulate the students' learning experience. The curriculum incorporates Digital transformation technology to equip students with skills in new and emerging areas of management. The BBA program aims at developing in the students a set of broad based competencies, an understanding of the social and human context and instill in them strong ethical values.

The curriculum of this three year undergraduate BBA program is designed with the options of specialization in Finance, marketing, HR, Information Technology, Family Business & Entrepreneurship, Healthcare Management and Business Analytics. The curriculum is spread over six semesters with each semester having sixteen weeks that includes teaching and evaluation. Last two semesters of the programs makes provision for choice of discipline specific electives for specialization.

The First batch of BBA program (2019-2022) has 67 students. The students were selected based on the merit list prepared for shortlisting the students. The batch comprises of the mix of students from various streams of study pursued by them in higher secondary.

Integrated M.Tech Programs

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

The department also offers a rigorous five-year dual degree program with integrated B.Tech and M. Tech curricula, extending the list of specialized core and elective courses with Biomolecules and Cell Communication, Nanobiotechnology, Phytotherapeutics and Pharmacology, Regulatory Affairs, Drug Delivery, Genomics & Society, Biostatistics, Product Development in Biotechnology, Experimental models in Research and Molecular Diagnostics. Students have an option to undertake industrial project in the final semester or do in-house M. Tech Dissertation as a continuation of their B. Tech project work. Students are encouraged and provided opportunities to work on research based projects yielding publications in journals of International and National repute.

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

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

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

The integrated M.Tech program in Electronics and Communication Engineering is a specially designed program which includes courses of both B.Tech and M.Tech degrees in the discipline of Electronics and Communication Engineering and emphasizes on an in-depth understanding of several advanced and state-of-the-art courses in the area of Signal & Speech Processing and Coding, Wireless Communication, VLSI, System on Chip, Satellite Communication, Machine Learning, Microwave Engineering etc.

The integrated program provides the students with the opportunity to acquire comprehensive understanding in an area of their selected field through electives and individual projects. The laboratory courses offer practical exposure to them. The program prepares the students for research and development activities, industrial work as well as for higher studies.

Post Graduate Programs

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

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

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

Master of Technology (MTech) Programs – Two Years

(i) M. Tech (Biotechnology)

To address the needs of industry and academia, the M. Tech (Biotechnology) program offered by the department provides our students with research experience to support focused coursework in specific sub-areas of biology, to help broaden their exposure to biology and prepare them for fields of teaching, consulting, etc. The M. Tech program in Biotechnology is designed to generate trained manpower in biotechnology, equipping our students with knowledge and hands-on skills in constantly advancing biotechnological areas, as diverse as Functional and Evolutionary Genomics, Proteomics, Drug Target Discovery, Nutraceuticals, Microbial biodiversity/bioremediation, Bioprocess Technology, Nano-Biotechnology, Biosensors, Product Development in Biotechnology, and Intellectual property rights (IPR) in Biotechnology. Strategically designed laboratory experiments and mandatory components of Project Based Learning, Seminar & Term Papers along with year-long research project(s) and industrial trainings, provides the students with necessary scientific and professional exposure to firm their grounds before stepping into their respective career directions.

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

M.Tech in Electronics and Communication Engineering (ECE) with specialization in Communication Systems (CS) encourages students to develop an in-depth theoretical and practical knowledge of advanced communication systems. Students are trained to develop specialized skill set and knowledge in order to cater the demands of the market. The students are updated about the latest technologies such as advanced wireless and optical technologies (5G), signal processing and machine learning.

The stream also includes advanced concepts of digital signal processing, digital audio, pattern recognition, speech processing and recognition, audio and image compression, medical imaging, digital filtering, detection and estimation, and spectrum analysis. As per the university regulations, a student enrolled in the M.Tech in ECE (CS) is required to complete 68 credits including various core subjects, electives, labs, project based learning, seminars, and Dissertation/Industrial project.

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

M.Tech. in Microelectronics & Embedded Technology (MET) is a four semester program designed to provide electronics engineers with the highly specialized knowledge and experience that they need to design, fabricate and test devices, circuits and systems at micro scale. The program offers a set of courses that allow students to gain expertise in areas that include back-end and front-end microelectronic designs such as Processor & SoC Design, Chip Design, etc.

The program curriculum is divided into theory, laboratory practice, and projects. Along with the core courses, there are several elective courses, audit courses, project based learning courses and open electives. The Dissertation in the final year enables students to apply concepts and techniques learnt during the program. Keeping in view, latest market trends and needs, the core laboratories for VLSI design and simulation have been established to consider experimental understanding of the specialization in core courses. The aim of the program is to provide students a broad base of education and understanding about the semiconductor industry, enabling them lucrative opportunities in their future endeavors.

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

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

(v) M.Tech (CSE with Specialization in Data Analytics)

M.Tech (Data Analytics) is an interdisciplinary program designed to meet the huge manpower shortage in this area. This program develops the ability to apply and develop computational techniques and systems to draw insights from big data in a variety of application domains. The curriculum exposes students to all aspects of data analytics including research design, data collection, preparation, analysis, integration, visualization, and interpretation. The core courses include Cloud based Big Data Systems-I and II, Machine Learning and Data Mining, Empirical Research and Performance Evaluation, Open Data Services focussed Project based Learning and several laboratories. Students are also offered several electives on theoretical, systemic, algorithmic, and applied aspects of data analytics and also the other areas of computer science and engineering. Internship and an industrial project/dissertation are hallmarks of this program.

(vi) M. Tech (CSE with Information Technology and Entrepreneurship)

This two-year program, started in 2014, is designed for graduates with good IT background who are interested in pursuing information technology centric entrepreneurship or taking leadership positions in innovative technology-based start ups and other organizations. The curriculum provides a good blend of IT and entrepreneurship management courses like Design, Innovation and Incubation-I and II, Digital Business Marketing, Finance and Law for Digital Businesses, Small Enterprise Automation focused Project based Learning and several laboratories. Besides, 6 electives in various areas of computing and entrepreneurship are also included. Internships at IT start-ups and a mentoring project to create a prototype and associated business model are hallmarks of this program.

(vii) M.Tech (CSE with Specialization in Information Security)

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

(viii) M.Tech (CSE with specialization in Mobile Technology)

M.Tech. Program with specialization in Mobile Technology covers theory and practical concepts required for mobile-based services. The program focuses on developing hands-on skills pertaining

to the latest and most popular platforms, e.g. Android, iOS, Windows Mobile, Symbian, etc. The course provides technical expertise in the fields of network architecture, device architecture, application development and testing, web application, software system analysis and design, platform specific application development, user interface designing, location based services, value added services, enterprise applications, security in computing, and stand-alone application development.

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

With the aim of imparting advance level training in the specialized and emerging areas of Materials Science and Engineering, M. Tech. program of the department is carefully designed to cater the needs of industries and R & D related activities. Through this program, students are not only provided strong foundation in the fundamentals of structures, properties, processing and characterization of materials but also the capability and skill of students to design tailor made materials and fabricate devices for specific technological applications.

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

The global need of researchers, scientists and engineers trained with advanced computational skills are on higher demands in this age of information technology and digitization. M. Tech. program in Applied and Computational Mathematics was introduced in the year 2008 in the Department of Mathematics with the objectives of providing a rigorous training and an environment for rich mathematical experience for the development of analytical and logical thinking and problem solving abilities among the students. The students of the program are equipped with advanced computing methods, simulation and modelling and in depth knowledge of the emerging topics in applied and computational mathematics enabling them to deal with the problems faced by industry and other sectors.

Master of Science (MSc) Programs – Two Years

(i) M.Sc (Microbiology)

The Department of Biotechnology very recently introduced M. Sc. in Microbiology course, in 2019. The offered M. Sc. program aims to build the scientific aptitude of students by providing them with knowledge and skills in the field of Microbiology. The course encompasses various booming fields within the domain, focusing on microbiology in medicine and pharmacy, agriculture, food and dairy industry, environmental and nanotechnology, emphasizing on the latest advances in the field. The course offers an optimum blend of theory, labs and dissertation/hands on project work, with the intention to open various avenues for our graduates, preparing them for diverse career opportunities in Hospitals, Diagnostics, Pharma and Biopharma R&D's, Clinical laboratories, Food Industry, Food Safety, and Quality Control, as well as in core biotechnology industries.

(ii) M. Sc. (Mathematics)

The M.Sc. program in Mathematics is carefully designed to convey essential knowledge in Mathematics and to provide substantial opportunities for pursuing excellence in all major areas of pure and applied mathematics. The objective of this program is to develop mathematical attitude in students, nurture their interests towards mathematics and motivate them for research in mathematical sciences. After the completion of the course, the students would be well equipped to go to industries or to join academics.

(iii) M. Sc. (Physics)

The vision of Department of Physics and Materials Science and Engineering is to be a centre of excellence in teaching and research in Physics and Materials Science and Engineering. To accomplish this vision department of Physics and Materials and Engineering has started two years M.Sc. program in Physics with two specializations in Condensed Matter Physics and Applied Optics. The objectives of M.Sc. Physics program are to impart advanced theoretical and practical knowledge in the areas of physics and to provide training and expertise to achieve career goals in academics, research and related industry.

Master of Business Administration (MBA) Program – Two Years

The two year full time MBA programme is the flagship programme of the business school. The MBA program train students to successfully manage, lead, organize and adapt in the changing business scenario. The programs equip the students with practical skills as well as theoretical knowledge.

The curriculum is structured around trimester system with six trimesters in two years. In the first year, the students are offered the foundation courses in management as compulsory courses. In the second year, a student is required to complete elective courses from major and minor areas of specialization, along with few core courses of integrative nature. In addition these courses students are required to complete social and corporate internships and comprehensive viva-voce.

The twelfth batch comprising of 68 students, was selected through a rigorous admission process. The batch comprises of students from diverse academic background across all undergraduate programmes with balanced gender representation. The students of the twelfth batch chose the following specializations:

Major Specialization	No. of Students	Minor Specialization	No. of Students
Finance	12	Finance	6
Marketing	14	International Business	12
Human Resource Management	33	Business Analytics	10
Operations Management	08	Marketing	22
		Operations	17
Total	67	Total	67

The thirteenth batch (2019-21) comprises of 60 students from different academic background across all undergraduate programmes with balanced gender representation. The admitted students commenced their first trimester started after attending an orientation programme in the campus.

Doctoral Programs (PhD)

The award of the PhD degree by the University is in recognition of high academic achievements demonstrated by independent research and application of knowledge to the solution of technical and scientific problems. Creative and productive inquiry is the basic requirement underlying research work. They may also be required to take part in some advanced level course work. The scholars are required to take up intensive research work under the guidance of a supervisor on a specific problem for a minimum of two to three years in this program. The research work is expected to result in new findings contributing to the knowledge advancement in the chosen field. The doctoral research program of JIT 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) Biotechnology

The Department of Biotechnology admits students for PhDs in Biotechnology/Bioinformatics through entrance examination and a rigorous interview. The training for a Ph.D. from our department is focused on helping students achieve their goals of being successful research scientists and professors, at the highest level. Students work closely with our established advisors with funding in form of grants from multiple government and private bodies. Doctoral students meet regularly with a committee of faculty members to facilitate their progress. National and international collaborations of our erudite faculty open avenues for our students on a global level. The department offers research exposure to students in basic sciences as well as applied translational research under two major thrust areas - Plant and Molecular Biology Group, and the Centre for Emerging Diseases. Specific research areas include, but are not limited to - Drug Discovery, Microbial Biotechnology, Natural Products Research, Plant and Molecular Biology, Bioinformatics, Systems Biology, Genetics and Genomics, Cardiovascular diseases, Viral Host Interactions, Structural biology, Nanobiotechnology, Biosensors, Novel Drug Delivery Systems, Bioprocess engineering and Food Biotechnology.

To assist during doctoral tenure, students are provided with competitive financial assistantships to cover expenses. In addition to institutional support, scholars also secure INSPIRE, DST-WOS, DBT-BIOCARE. Extramural funding is also generated from different funding agencies (DBT, DST, ICMR, AICTE and AYUSH) and industry partners for providing fellowship to scholars to undertake cutting edge research in the various thrust areas.

(ii) Computer Science and Engineering

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

(iii) Electronics & Communication Engineering

The doctoral research programme gives an opportunity to students to demonstrate their analytical, innovative and independent thinking abilities leading to creativity and application of knowledge. This involves fulfilling specified course credit requirements and a thesis with critical account of the research work carried out in the chosen area.

(iv) Humanities & Social Sciences

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

(v) Mathematics

The Department offers doctoral research program in the thrust areas of Fractals and Chaos, Mathematical Analysis; Numerical Analysis and Computational Continuum Mechanics; Statistics, Fuzzy, Information Theory and Operations Research. The Department is involved in these

emerging areas of Mathematics which are a good blend of pure and applied mathematics of contemporary importance. Three students have been awarded Ph. D. degree under this program in the current session.

(vi) Physics and Materials Science & Engineering

The doctoral (Ph.D.) program of the department is primarily focused upon the thrust areas of Advanced Materials and Devices, Photonics, Plasma and Quantum Computing. Currently, the major research work is going on in the field of Nanoscience and Multifunctional Nanomaterials, Energy and Advanced Functional Materials, Atomic and Molecular Physics, Photonics and Plasmonics, Quantum Optics and Quantum Information, Optical Sensors, Vibrational Spectroscopy, Raman Spectroscopy, Solid State Ionics, Diluted Magnetic Semiconductors (Spintronics), Thermoelectric and Superconducting Materials and Laser Plasma Interaction.

The department has dedicated Materials synthesis and characterization laboratories equipped with teaching and research infrastructure for PG and Ph.D. students. Currently, 15 students are pursuing their Ph.D in various fields of research. In addition, faculty members of the Department mentor post-doctoral fellows. Presence of post-doctoral fellows and a good number of externally funded projects enhance the academic ambience of the Department. The Ph.D. students graduated from the Department have been successful in getting teaching positions in various universities and colleges in India, and abroad.

(vii) Management

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

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

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

In this academic year 2019-20 total numbers of Ph.D. scholars were 30 out of which 4 scholars completed their thesis requirements for the award of Ph.D. degree and 2 have submitted for examination.

ACADEMIC DEPARTMENTS

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

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

The Department of Computer Science & Engineering and Information Technology is a lively and invigorating academic centre for higher education, research, and innovation in key areas of computing. Major strengths of the department include 104 well-diversified faculty out of which more than fifty percent are Ph.D. holders, a large number of well-diversified courses, high emphasis on learning by doing, a very strong alumni network and active engagement in research activity. The vision of the department is to be a centre of excellence that provides high quality education to develop future leaders in all aspects of computing, contributes practically relevant and cutting-edge research, and catalyses 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 the 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 endeavor of the



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

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

Course Curriculum is continuously improvised by taking inputs from industry experts and eminent academicians and also keeping in mind the upcoming trends. Weekly practical assignments are given to students. Through various active learning experiences in laboratories, students gain more insights into the field of study, develop the 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 emphases is given to the projects in the curriculum. Students work in 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 the industry. Many students choose to continue their higher studies at the world's top universities. A few students also take up the challenge to set up their own IT start-ups. Many members of our alumni also provide their support by delivering guest lectures, feedback on curriculum, and also mentoring and personal guidance to students.

The department's research engagements include traditional as well as emerging concerns. Out of 96 faculty members including 63 with PhD, our faculty strength has been leveraged to ensure that the department is not skewed towards only a few research areas. At present, the research activities of the department investigate the theoretical, systemic, applied, and educational aspects mainly related to the following thrust areas of computing: Multimedia Technology and Applications, Knowledge-Based Systems, Artificial Intelligence, Information Retrieval, Machine Learning, Distributed Systems, Computer Networks, Wireless Networks, Web, Mobile Technologies and Information Systems, Cyber Security, Computing Education and Learning Technologies, Computer Architecture & Embedded Systems, Software Engineering. Research engagement in these areas has resulted in the publication of hundreds of research papers and completion of hundreds of master's and doctoral theses as well as thousands of student projects in diverse areas.

The research in these broad thrust areas is also supplemented by the activities of the two research centres. Both these centres contribute to our research design as well as course design in all areas of computing.

One departmental project named "Vision 2024" is planned to start in 2020. The main objectives are:

- Exploring world class universities courses to feel and understand the future directions & technological trends
- Exploring resources like IEEE magazines, Industry reports & recommendations reports by leading institutions (including NASCOM, FORBES, Leading technology exhibition like INFOCOM, ROBOTICA & others to know the next decade technology
- Keep a good contact with our alumni base, whose inputs are very valuable.

➤ 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 the art software. The hardware devices and software are used for both teachings as well as research activities. The department provides adequate hardware facilities for building microcontroller based systems and for doing projects in the areas of robotics, augmented reality and human-computer interactions as well, at both the campuses. The labs are also equipped with a variety of Multimedia

devices and software to provide support for Multimedia based 3D and Image Processing Projects.

Some of the important equipment present in the labs includes Arduino Duemilanove development board (with 8-bit ATmega168) with various sensors, actuator and Communication aids (Bluetooth, Ethernet, Serial, Wi-Fi and Wireless using Zigbee) to research 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. The 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.

An IoT Lab has been setup recently at both the campuses (Sector-62 and Sector-128). Various lab experiments, projects, and research activities can be performed using the available hardware and software resources, viz. Raspberry Pi, Arduino modules. A wide range of components and integrating devices like motors, GPS modules, Zigbee Modules, FingerPrint Modules, ECG Monitoring Modules, Optical Modules, Audio/Video Modules etc. are available. A wide range of sensors e.g., Humidity, Temperature, Water Proof, Pressure, Light Ultrasonic, Piezo, etc are also available. The cost of IOT lab equipment is approximately 40 lakhs.

➤ Faculty activities:

(a) Participation by Department faculty in seminars, symposiums, conferences at national and international.

In the year 2019-2020, almost every faculty member of CSE&IT department participated in at least one seminar (webinars), symposium or conference. The department of CSE&IT organized the Twelfth International Conference on Contemporary Computing (IC3-2019). Faculty members have been encouraged to organize and participate in various international as well as national symposiums, seminars, etc. Department of CSE&IT has organized four Faculty Development Programs (FDP) where a number of faculties have participated. Faculties of CSE&IT department not only attended but also presented papers in various international conferences like International Conference on Computational Intelligence and Data Science (ICCIDS2019), International Conference on Information Technology and Electrical Engineering, Fifth International Conference on Image Information Processing (ICIIP), International Conference on Big Data Analytics – BDA, etc. There are various international workshops attended by faculty members like International Workshop on Artificial Intelligence: Reasoning and Learning, Indo-German Spring School on Algorithm for Big Data, and webinars like Artificial Intelligence and Business Optimization.

Participation of faculty members in national workshops, symposiums, seminars is no less. Faculty members participated and delivered the expert lecture in various seminars and workshops. Few national workshops where faculty members have participated are: one week Online FDP on Cyber Security, the workshop on "Improving Research Planning and writing Skills at Technical Institute!", one-week short term course on "Deep Learning and its applications", a Spring School on "Algorithms for ig Data", One Week FDP on "Intelligent systems and information", one-week FDP on "Moodle Learning Management System", One Week FDP on "Innovative Teaching Learning methodology", etc. Numerous online webinars have been attended by faculty members. Some of them are - webinar on "Art of Writing Research Paper ", a webinar on "Maintaining Quality in Teaching Learning Practices when Imparting Online Education", webinar on "Big Data and Covid19: Technologies and Applications, National Webinar on Artificial Intelligence & Data Science & its global Impact, webinar on "Machine & Deep Learning with MATLAB", webinar on "5G Applications and Autonomous Cars" and many more.

National

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
1	01-07-2019 to 06-07-2019	One-week short term course on "Deep Learning and its applications"	3 faculties attended, organized by department of CSE&IT, JIIT
2	01-07-2019 to 06-07-2019	One Week Short Term Course on Cloud and IoT Systems, Tools and Applications	3 faculties attended, organized by JIIT, Noida
3	08-07-2019 to 13-07-2019	One Week Faculty Development Program on "Intelligent Systems and Informatics"	2 faculties attended, organized by the Department of Computer Science and Engineering and Information Technology, at Jaypee Institute of Information Technology, Noida.
4	08-07-2019 to 13-07-2019	Faculty Development Program on Intelligent System and Informatics	1 faculty attended, organized by JIIT, Noida
5	08-07-2019 to 10-07-2019	Short term course on Intelligence systems and Informatics	1 faculty attended, organized by department of CSE&IT, JIIT Noida
6	27-07-2019 to 28-07-2019	Workshop on Ethical Issue in Research	1 faculty attended, organized by the Department of Biotechnology, Jaypee Institute of Information Technology, Noida.
7	08-08-2019 to 10-08-2019	A Secure Key Delegation Mechanism for Fog Networking	1 faculty presented, organized at JIIT Noida.
8	29-08-2019	One day Workshop on IPR, Patents & Innovations	2 faculties attended, organized by IPR Cell, JIIT, Noida
9	14-09-2019 to 15-09-2019	National Workshop on "Soft Computing Techniques for Wireless Sensor Networks"	3 faculties attended, at Jaypee Institute of Information Technology, Noida.
10	08-10-2019 to 10-10-2019	Twelfth International conference on Contemporary Computing (IC3-2019)	4 faculties attended, organized by JIIT Noida jointly with University of Florida, USA.
11	10-10-2019 to 11-10-2019	A Flexible Secure Key Delegation Mechanism for CP-ABE with Hidden Access Structure	1 faculty presented, International Conference on Information Technology and Electrical Engineering (ICITEE) IEEE
12	14-10-2019 to 16-10-2019	India Mobile Congress, the largest digital Technology Forum in South Asia	1 faculty attended, organized by the Department of Telecommunications (DoT) and cellular Operator Association of India(COAI), Aerocity, New Delhi,
13	09-11-2019	ICCIS 2019 conference	1 faculty attended, at SKIT, Jaipur

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
14	29-11-2019 to 30-11-2019	Two Days Workshop on "IPR and Patenting in India"	8 faculties attended, Organized by the Department of Biotechnology, Jaypee Institute of Information Technology, Noida
15	29-11-2019 to 30-11-2019	2 days Workshop on IPR and Patenting in India	4 faculties attended, organized by JIIT, Noida
16	09-12-2019 to 14-12-2019	Six days Faculty Development Program on "Innovative Teaching –Learning Methodologies"	13 faculties attended, Organized by the Department of Humanities & Social Sciences of Jaypee Institute of Information Technology, Noida.
17	09-12-2019 to 14-12-2019	FDP on Innovative Teaching Learning methodology	7 faculty attended, organized by JIIT, Noida UP
18	09-12-2019 to 13-12-2019	One Week Short Term Course on Artificial Intelligence and Fuzzy Systems: Theories, Concepts and its Application	1 faculty attended, organized at IIT Kanpur, India
19	17-12-2019	One day Workshop on R conducted by IIT Bombay (NMEICT, MHRD Project)	3 faculties attended, at JIIT, Noida, India.
20	Jan to Apr 2020	DEEP LEARNING PART	1 faculty attended, organized by NPTEL
21	Jan to Apr 2020	PRACTICAL MACHINE LEARNING WITH TENSORFLOW	1 faculty attended, authorized by NPTEL
22	06-01-2020	Certificate of Completion on "Python for Data Science Essential Training"	1 faculty completed, LinkedIn Learning Course
23	13-01-2020 to 17-01-2020	Faculty Development Program on "Internet of Things"	1 faculty attended, conducted by Electronics & ICT Academy, IIT Roorkee at KEC, Ghaziabad
24	24-01-2020	Talk on Exploratory Data Analysis (EDA) using R Software	1 faculty attended, Talk by Dr. Gaurav Gupta
25	08-02-2020	Workshop on Arduino	4 faculty Attended, organized at JIIT, Sec-128 Noida by Teaching Learning Centre, ICT IIT Bombay, funded by Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, MHRD, Govt of India
26	10-02-2020 to 13-02-2020	Spring School on Algorithms for Big Data	5 faculties attended, organized by IIIT-Delhi.
27	11-02-2020 to 13-02-2020	Indo-German Spring School on Algorithm for Big Data-2020	1 faculty attended, organized at IIIT Delhi

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
28	27-02-2020	Webinar on Artificial Intelligence and Mechatronics using MATLAB and Simulink	1 faculty attended, organized by MathWorks.
29	05-03-2020 to 07-03-2020	International Conference on Signal Processing and Communication (ICSC),	2 faculties attended, organized by JIIT, Noida on 5-7 March 2020
30	05-03-2020 to 09-03-2020	5-Days, QIP-CEP workshop on 'Brain Mapping and Artificial Intelligence'	2 faculty attended, held at IIT Delhi from
31	05-03-2020	"COVID-19 Pandemic General Awareness Quiz"	1 faculty participated, Organized by IQAC and Marathwada Mitra Mandal's College of Commerce
32	11-03-2020 to 15-03-2020	One Week FDP on "Artificial Intelligence & Machine Learning Using Python "	1 faculty attended, organized by Finland Labs (A Unit of Revert Technology Pvt. Ltd.) In Association with National Social Summit, IIT Roorkee.
33	10-04-2020 to 17-04-2020	Faculty Development Program on Machine Learning	2 faculties attended, organized by E&ICT Academy IIT Roorkee
34	10-04-2020 to 14-04-2020	One-week AICTE Recognized Faculty Development Programme on Internet of Things	1 faculty attended, Conducted by Computer Science and Engineering Department, NITTTR, Chandigarh.
35	12-04-2020	"Thought on Artificial Intelligence for COVID 10 Forum 2020"	1 faculty attended, organized by InterVIT and IFIP
36	13-04-2020 to 20-04-2020	8 days FDP on "Machine Learning & its Applications"	3 faculties attended, organised by Electronics & ICT Academy, IIT Roorkee,
37	13-04-2020	Online expert lecture series on Transformation: Industry 4.0 to X.0	1 faculty attended
38	13-04-2020	Online expert lecture series on Innovative opportunities, Trends and Challenges in Big Data and Cloud Computing	1 faculty attended
39	14-04-2020 to 18-04-2020	One week Online AICTE Recognized Faculty Development Programme on Cloud, Fog and Edge Computing	1 faculty attended, organized by Dept of CSE, NITTTR, Chandigarh
40	15-04-2020	Talk of Ms. Shradha Sharma	1 faculty attended, organized by MHRD, hosted by Mr Abhay Jere, MHRD Innovation Cell

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
41	16-04-2020	Ultimate Java, Part 1: Java Fundamentals an online non-credit course	1 faculty has, authorized by codewithmosh.com
42	18-04-2020	Leadership Talk with Prof. KK Agarwal, Chairman NBA,	19 faculties attended, organized by MHRD's Innovation Cell with Dr. Abhay Jere Chief Innovation Officer, MHRD's Innovation Cell
43	18-04-2020 to 22-04-2020	FDP on Data Sciences	2 faculty attended, organized by IIIT, Nagpur.
44	19-04-2020	An online course titled " The Complete Machine Learning Course with Python "	1 faculty completed, offered by Udemy
45	20-04-2020 to 25-04-2020	Faculty Development Program on "Python 3.4.3"	2 faculties attended, conducted by NBN Sinhgad School of Engineering, Pune in association with Spoken Tutorial Project, IIT Bombay
46	20-04-2020	Leadership Talk with youngest cofounder of company Yashraj Bharadwaj	16 faculties attended, organized by MHRD's Innovation Cell
47	21-04-2020 to 28-04-2020	Faculty Development Program on Block chain Technology	3 faculties attended, organized by E&ICT Academy IIT Roorkee
48	21-04-2020	Leadership talk with Dr Gururaj Desh Deshpande and Dr. Abhay Jere	14 faculties attended, organized by MHRD Innovation cell.
49	21-04-2020	Ultimate Java, Part 2: Object-oriented Programming an online non-credit course	1 faculty, authorized by codewithmosh.com
50	21-04-2020	Webinar: FPGA-based Hardware-in-the-Loop (HIL) Simulation for Power Electronics by Joel Van Sichel	1 faculty attended, organized by MathWorks.
51	22-04-2020	Webinar on ICT Tools on "Online Interactive Storytelling using StoryMapJS and StorylineJS"	1 faculty attended, organized by NCERT
52	23-04-2020	A webinar on "Maintaining Quality in Teaching Learning Practices when Imparting Online Education". Speaker: Prof Bharat Bhaskar, Director,	2 Faculties attended, organized by IIM Raipur at 2:00 PM

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
53	25-04-2020	A webinar on "Genomics for Covid-19: Key to Combat Pandemic	4 faculties attended, organized by Department of Biotechnology, Jaypee Institute of Information Technology, Sector-62, Noida
54	27-04-2020	An Online exam on "Python 3.4.3 "	1 faculty passed, conducted by IIT Bombay
55	27-04-2020	Leadership talk with Dr BVR Mohan Reddy, Ex-Chairman Nasscom,	13 faculty attended, organized by MHRD, hosted by Mr Abhay Jere, MHRD Innovation Cell
56	27-04-2020 to 01-05-2020	One-week Online AICTE Recognized Faculty Development Programme on Linux Applications in Engineering Education	1 faculty attended, Organized by Computer Science and Engineering Department, NITTTR, Chandigarh.
57	28-04-2020	the workshop on Improving Research Planning and writing Skills at Technical Institute	2 faculties attended, organized by Elsevier.
58	28-04-2020	Leadership talk with Anu Acharya, Serial Entrepreneur	6 faculty attended, organized by MHRD, hosted by Mr Abhay Jere, MHRD Innovation Cell
59	01-05-2020 to 06-05-2020	Faculty development programme on Moodle Learning Management System	1 faculty attended, organized by Sinhgad Institute Of Technology, Pune and Spoken tutorial project, IIT Bombay
60	02-05-2020	India First Leadership Talk	7 faculties attended, organized by MHRD's Innovation Cell.
61	02-05-2020	Javascript Series Part 1: Basics an online non-credit course	1 faculty, authorized by codewithmosh.com
62	04-05-2020 to 08-05-2020	5 days Online AICTE Training and Learning	1 faculty attended, organized by Academy (ATAL) FDP on "Deep Learning Applications in Computer Vision" being organized by IIIT-Naya Raipur
63	04-05-2020	A webinar on "How to use Turnitin Software for your Research "	1 faculty attended, organised by GuruNanak Institute of Management Studies
64	04-05-2020 to 08-05-2020	Online Faculty Development Programme (FDP) on Artificial Intelligence	1 faculty attended, organized by IIIT nayaRaipur .
65	04-05-2020 to 08-05-2020	five-day online faculty development programme on "Advances in Computational Intelligence & Machine Learning Applications"	1 faculty attended, organised by Amity University Uttar Pradesh, Noida.

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
66	06-05-2020	An online course titled " Support Vector Machines in Python, From Start to Finish "	3 Faculties completed, offered by Coursera
67	06-05-2020	Webinar on NAAC Awareness Program - University	1 faculty attended, organized by NAAC, Bangalore.
68	06-05-2020	Creating a good research data management plan	1 faculty successfully, organized by Research Academy, ELSEVIER
69	07-05-2020	An online course titled "Predict Employee Turnover with scikit-learn "	1 faculty completed, offered by Coursera
70	07-05-2020	Webinar on Impact of Electrical Vehicle on Post COVID-19	1 faculty attended,organized by IEEE India Council
71	08-05-2020	Webinar on "Development of Micro-Sensors and their Applications using Artificial Intelligence"	1 faculty attended, organized by Amity School of Engineering and Technology (ASET), Amity University Madhya Pradesh.
72	09-05-2020	India First Leadership Talk webinar with Prof D. P. Singh, Chairman UGC	31 faculties attended, Organized by MHRD's Innovation Cell
73	09-05-2020	An online course titled "Logistic Regression with NumPy and Python "	1 faculty completed, offered by Coursera
74	09-05-2020	A guide to journal citation metrics	1 faculty successfully, organized by Research Academy, ELSEVIER
75	11-05-2020 to 15-05-2020	Faculty Development Program on " Cryptography and Network Security"	1 faculty attended, conducted by Panimalar Institute of Technology, Chennai
76	11-05-2020	Finding the right Journal	1 faculty successfully, organized by Research Academy, ELSEVIER
77	11-05-2020 to 17-05-2020	IoT Webinar	1 faculty Attended, organized under CS student chapter, Deptt of Computer Science and Engineering, IIMT College of Engineering, Greater Noida
78	14-05-2020	Webinar on Deploying NVIDIA Clara Train with AWS Quick Start	1 faculty attended, organized by AWS and NVIDIA.
79	16-05-2020	Leadership Talk with Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited and Dr. Abhay Jere, Chief Innovation Officer MHRD Innovation Cell	34 faculties attended, Organized by MHRD's Innovation Cell

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
80	16-05-2020	A Webinar on Industry 4.0: Convergence of Technology	2 faculties Attended, IoT Academy in association with E&ICT Academy IIT Guwahati (3-5 PM)
81	16-05-2020	Javascript Series Part 2: Object-oriented Programming an online non-credit course	1 faculty, authorized by codewithmosh.com
82	17-05-2020	A webinar on "Express Yourself: Rejoice Life"	2 faculties attended, organised by Galgotias College of Engineering and Technology, Greater Noida
83	17-05-2020	A Webinar on LPWAN Designs & Applications,	3 faculties Attended, IoT Academy in association with E&ICT Academy IIT Guwahati (3-5 PM)
84	18-05-2020 to 22-05-2020	Online one-week AICTE recognized Faculty Development Program on "Open Source Cyber Security Tools"	1 faculty attended, organized by Dept of CSE, NITTTR, Chandigarh
85	18-05-2020 to 22-05-2020	5 days FDP on "Research Methodology: Tools & Techniques",	2 faculty attended, organized by IILM College of Engineering and Technology, Greater Noida
86	18-05-2020 to 23-05-2020	FDP on Big Data tools	1 faculty attended, organized by St. Martin Engineering College, Hyderabad
87	18-05-2020 to 22-05-2020	FDP on AI, ML and Data Science	1 faculty attended, organized by CMR, Hyderabad and BlackBucks.
88	19-05-2020	A Webinar on "Deployment Challenges of IOT"	13 faculties attended ,Organized by the IOT Academy with E&CT Academy IIT Guwahati
89	19-05-2020	online course titled "Perform Sentiment Analysis with scikit-learn "	3 faculties completed, offered by Coursera
90	19-05-2020	A webinar on "Block Chain Technologies: Opportunities and Challenges"	3 faculties attended, organised by Auro University
91	19-05-2020 to 20-05-2020	Webinar on Social Disancing in LOCKDOWN 4.0 to control Spread of COVID-19	1 faculty attended
92	21-05-2020	Webinar on "5G Applications & Autonomous Cars" Creating Chatbots using AI	3 faculties attended ,Organized by the IOT Academy with E&CT Academy IIT Guwahati
93	21-05-2020	Webinar on 5G Applications and Autonomous Cars	2 faculties attended, organized by The IoT Academy, in association with E&ICT Academy, IIT Guwahati.

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
94	21-05-2020	Cyber Security Awareness Webinar series 4	1 faculty attended
95	22-05-2020 to 26-05-2020	National level online FDP on Artificial Intelligence	1 faculty attended, organized by the Deptt. of CSE in collaboration with national youth council of India and Brainovision Solutions India Pvt. Ltd.
96	22-05-2020 to 26-05-2020	5-day National Level online Faculty Development Programme on Artificial Intelligence	1 faculty attended, organized by CBIT Hyderabad
97	23-05-2020	A Webinar on Implementation of Machine Learning in E-Commerce	7 faculties attended, organized by The IOT Academy, in association with E&ICT Academy IIT Guwahati
98	23-05-2020	A Webinar on Implementation of Machine Learning with E-Commerce	1 faculty Attended, IoT Academy in association with E&ICT Academy IIT Guwahati (3-5 PM)
99	23-05-2020	National Webinar on Artificial Intelligence & Data Science & its global Impact jointly	1 faculty attended, organized by SIES College of Arts, Science and Commerce, Mumbai in collaboration with Imarticus Learning
100	23-05-2020	Workshop on "Effective and Efficient Online Teaching in the Age of Corona, A Hands-on Workshop"	2 faculties attended, organized by IIT Bombay
101	23-05-2020 To	"COVID-19 Awareness Quiz"	1 faculty participated, conducted by Amity Institute of Biotechnology, Amity University Mumbai
102	24-05-2020	A Webinar on Electrical Vehicle Infrastructure,	3 faculties Attended, IoT Academy in association with E&ICT Academy IIT Guwahati (3-5 PM)
103	25-05-2020 to 30-05-2020	One-Week Short-Term Training Programme on "Microsoft Azure: With Hands-On Session"	1 faculty attended, organised by Department of CSE, Lakireddy Bali Reddy College of Engineering (A), Mylavaram, Andhra Pradesh, India,
104	25-05-2020 to 30-05-2020	1-Week Online Faculty Development Program on Cyber Security,	2 faculties Attended, AICTE Training and Learning (ATAL) Academy, School of Computer & Systems Sciences, Jawaharlal Nehru University, New Delhi
105	25-05-2020 to 30-05-2020	One-week national level faculty development programme and online training on "SCILAB-An open substitute for MATLAB".	6 faculties completed, jointly organized by JNTUH college of engineering, Sultanpur, Sangareddy (Dt.) and Spoken tutorial project, IIT Bombay

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
106	25-05-2020 to 30-05-2020	Faculty development program in Introduction to Artificial Intelligence and Machine Learning	1 faculty has, organized by CSE Dept, Geethanjali College of Engineering and Technology, Telangana.
107	25-05-2020 to 29-05-2020	FDP on Data Sciences	1 faculty attended, organized by Indian Institute of Information Technology (IIIT Nagpur).
108	28-05-2020	A Webinar on "Industry 4.0: Convergence of Technologies"	1 faculty attended ,Organized by the IOT Academy with E&CT Academy IIT Guwahati
109	28-05-2020 to 01-06-2020	5 days AICTE Training and Learning Academy online FDP from on "Cyber Security"	2 faculties participated, organized by National Institute of Technical Teachers Training & Research, Chandigarh.
110	28-05-2020	Webinar on "The Economics of The Pandemic"	2 faculties attended, organized by McGrawHill by Sean Flynn, Behavioral Economist and Author of International Bestsellers.
111	28-05-2020 to 01-06-2020	Online FDP on Cyber Security	1 faculty participated, organised by National Institute of Technical Teachers Training & Research, Chandigarh
112	29-05-2020	Live webinar on "Artificial Intelligence for Science and Engineering Applications in MATLAB".	1 faculty attended, Organized by the Department of Computer Applications, B.S.Abdur Rahman Crescent Institute of Science and Technology, Deemed to be University, Vandalur, chennai,
113	29-05-2020	A webinar on "Art of Writing Research Paper "	3 faculties attended, organised by Gautam Buddha University, Greater Noida
114	29-05-2020	Webinar on Art of Writing Research Paper	1 faculty has, organized by Department of Computer Science and Engineering, University School of Information and Communication Technology, Gautam Buddha University, Greater Noida, Uttar Pradesh, INDIA
115	29-05-2020	Webinar on CSE-Down To Earth Webinar on Locust Attack	1 faculty attended, organized by Sunita Narain from CSE India
116	29-05-2020	Webinar on Trends in Artificial Intelligence a Modern Perspective by our expert speaker Dr.Lavika Goel, Assistant Professor, Department of Computer Science and Engineering, Malaviya National Institute of Technology (NIT)	1 faculty attended, organised by Department of Computer Science and Engineering, Malaviya National Institute of Technology (NIT), Jaipur, Rajasthan.

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
117	30-05-2020	Leadership Talk with Dr. Nilesh N Oak, Expert (Indian Civilization & History)	6 faculties attended, Organized by MHRD's Innovation Cell
118	30-05-2020	Webinar series on "Beyond the Boundaries: Reinventing Horizons"	1 faculty attended, organized by SKIT, Jaipur
119	31-05-2020 to 04-06-2020	FDP on Internet of Things (IoT)	2 faculty attended, organized at JAWAHARLALNEHRU UNIVERSITY, New Delhi.
120	01-06-2020	Webinar on "Cyber Safety"	2 faculties attended, organized by K7 Academy
121	04-06-2020	Webinar on "Impact of AI during Pandemic Times" organized by McGrawHill	1 faculty attended, organized by McGrawHill by Dr. Raul V. Rodriguez, Assistant Professor AI, ML & Robotics and Dr.Samala Nagaraj, Assistant Professor Marketing at Woxsen School of Business.
122	05-06-2020	Webinar on "Open Power Big Data AI"	3 faculty attended, organized by University of Wisconsin Platteville, USA
123	05-06-2020	Webinar on "Introduction to Angular"	2 faculties attended, organized by Gnanamami College of Technology, Tamilnadu
124	06-06-2020	Leadership talk with Ms. Ashwini Deshpande (Co-Founder & Director Elephant Design)	7 faculties attended, Organized by MHRD's Innovation Cell
125	06-06-2020 to 07-06-2020	Online Training On Data Analytics Using R	1 faculty attended, organized by team training gurus
126	06-06-2020	Webinar on "5G NR With MATLAB And Simulink"	2 faculties attended, organized by Adithya Institute of Technology, New Delhi
127	06-06-2020	Webinar on "Best Beginning to Java Script"	2 faculties attended, organized by Gnanamami College of Technology, Tamilnadu
128	06-06-2020	A virtual Webinar on "We Are Stronger Together"	2 faculties attended, organized by BVICAM, New Delhi
129	06-06-2020	Webinar on "Accelerate your Career in PCB Design"	2 faculties attended, organized by College of Engineering and Technology, Coimbatore
130	08-06-2020 to 12-06-2020	Online Faculty Development Programme (FDP) on Machine Learning & Artificial Intelligence in Data Science (MAD 2020)	12 faculties attended, Organized by the Department of Computer Science and Engineering of Jaypee Institute of Information Technology, Noida

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
131	08-06-2020 to 12-06-2020	One-week online faculty development program on “Recent advances in computer science and Allied domains”,	4 faculties attended, organized by department of CSE, Sharda university
132	10-06-2020	Webinar on Recent Advancements in Information Technology, in	1 faculty attended, organized by Dr B R Ambedkar National Institute of Technology, Jalandhar.
133	11-06-2020	Webinar on “Introduction to Server-Side Programming”	2 faculties attended, organized by Gnanamami College of Technology, Tamilnadu on
134	11-06-2020	Webinar on “Research Proposals Preparation for Funding Agencies in Social Science Studies”	2 faculties attended, organized by St. Joseph College of Engineering, Chennai
135	12-06-2020	Webinar on “Professor 2030: Challenges and Opportunities for Future Faculty”	2 faculties attended, organized by K KMunirajah College of Technology, Tamilnadu
136	13-06-2020	Leadership Talk with Shri R Subrahmanyam, IAS (Secretary Ministry of Social Justice & Empowerment)	6 faculties attended, Organized by MHRD’s Innovation Cell
137	13-06-2020	Webinar on “Rise of Fake News in the Digital Era: Ways to combat”	2 faculties attended, organized by Ansal University, Gurgaon on
138	13-06-2020	Webinar on “Machine Learning Onramp - Demo on Building Learning Models, Comparison and Visualization”	2 faculties attended, organized by Gnanamami College of Technology, Tamilnadu
139	14-06-2020	Online non-credit course titled “Sequences, Time Series and Prediction” authorized by deeplearning.ai	1 faculty completed, offered by Coursera
140	15-06-2020 to 20-06-2020	Faculty Development program on Transforming Education with industry 4.0	1 faculty attended, organized by Jaypee University Waknaghat.
141	15-06-2020 to 17-06-2020	Three Days Workshop on Mendeley Reference Manager	1 faculty attended, organized by Nuhianwali Education Society.
142	16-06-2020	A Webinar on “ Foundations of Blockchain and Applications”	1 faculty attended, organized by Auro University
143	16-06-2020	Webinar on Big Data and Covid19: Technologies and Applications	1 faculty attended, organized by McGrawHill
144	16-06-2020	Webinar on “Financial Data Analysis Using MS-Excel”	1 faculty attended, organized by Loyola College, Chennai

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
145	18-06-2020	A paper in "International Conference on Data Analytics and Management"	1 faculty presented
146	19-06-2020 to 23-06-2020	Online FDP on Emerging Technologies in Cloud computing, IOT and, technically sponsored by CSI Ghaziabad Chapter, Blockchain	13 faculties attended, Organized by the Department of Computer Science and Engineering of Jaypee Institute of Information Technology, Noida
147	19-06-2020 to 23-06-2020	Faculty Development Programme (FDP) on Emerging Technologies in Cloud computing, IOT and Blockchain,	2 faculties attended, organized by the Department of Computer Science and Engineering of Jaypee Institute of Information Technology, Noida
148	19-06-2020	Webinar on "Shift Innovation Strategies"	2 faculties attended, organized by Annapoorana Engineering College, Chennai on
149	20-06-2020	Leadership Talk with Mr. Shridhar Venkat, CEO (Akshay Patra Foundation)	8 faculties attended, Organized by MHRD's Innovation Cell
150	20-06-2020	India's First Leadership Talk webinar	2 faculties attended, organised by MHRD Innovation Cell.
151	20-06-2020	Webinar on "Paradigm Shift In Teaching – Learning Amidst Covid-19 Scenario"	2 faculties attended, organized by Sri Sai College For Women, Bangalore
152	20-06-2020	Webinar on "Overview of Merger and Acquisitions"	1 faculty attended, organized by Faculty of Management Studies, Gurukula Kangri Vishwavidyalaya, Haridwar
153	20-06-2020	Web Talk on the topic "The Global Mindset-Imperative to think Bigger, Broader and Bolder" By: Bian Li, Founder & CEO, The Hungary Lab	2 faculties attended, Jointly organized by Rajdhani Business School & Trivendrum Management Association.
154	21-06-2020	Online Yoga	2 faculties attendant, organized by Yoga Certification Board, Ministry of Ayush , Government of India
155	22-06-2020 to 27-06-2020	Faculty Development Program on Data Science Specialization with Big Data	2 faculties attended, organized by REGEX Software Services
156	22-06-2020	Keynote on New Frontiers in Cloud and Edge Computing and the Aneka 5G Cloud Platform	1 faculty attended, keynote by Prof Rajkumar Buyya

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
157	23-06-2020 to 29-06-2020	Faculty Development Program on Python Language	1 faculty attended, organized by Department of Computer Science BPIT in collaboration with Spoken tutorial IIT Bombay (Self paced)
158	24-06-2020 to 30-06-2020	One Week Short Term Training Program on "Data Science & Learning Systems for Engineering Research & Design"	2 faculties attended , organised by NIT Kurukshetra and GEC, Bikaner, under TEQIP-III.
159	24-06-2020 to 28-0-2020	Faculty Development Program on "Applications of Machine Learning and Deep Learning"	1 faculty attended, conducted by Raj Kumar Goel Institute of Technology, Ghaziabad
160	24-06-2020	Webinar on Machine& Deep Learning with MATLAB	2 faculties attended, organized by Department of ECE, Jaypee Institute of Information Technology, Noida.
161	24-06-2020	Webinar on "How to convert your research into a Publishable exposition"	1 faculty attended, organized by Department of IT, Bhagwan Parshuram Institute of Technology, New Delhi
162	25-06-2020	Course "Legal and Implementation Issues of Enterprise Artificial Intelligence",	1 faculty completed, organized by IEEE
163	26-06-2020	Webinar on "Covid-19 Outside! Research full Inside"	2 faculties attended, organized by Gnanamami College of Technology
164	27-06-2020	National Webinar on Socio-Economic-Legal Impact of Corona Pandemic on Women.	1 faculty Attended, Aryabahtta College, University of Delhi
165	27-06-2020	Leadership Talk with Shri DipendraManocha	2 faculties attended, organized by MHRD's Innovation Cell.
166	27-06-2020	Webinar on "People Management- Changing Woerkforce Dynamics" By: K SaravanaKumar, Chief Operating Officer, Kutti& Nathan, Chennai, Ex-Manager-Siemens	2 faculties attended, Jointly organized by Rajdhani Business School & Project Management Institute, Trivendrum Chapter
167	29-06-2020 to 03-07-2020	One Week Online Training program on "Implementation of Multi-objective Optimization Algorithm (NSGA -II) using MATLAB"	1 faculty attended, organised by Electrical Engineering Department under RIT-Center for Teaching and Learning (RIT-CTL)
168	01-07-2020 to 06-07-2020	Short Term Course on Cloud and IoT: Systems, Tools and Applications:	1 faculty attended, organized by the Department of Computer Science and Engg and IT, Jaypee Institute of Information Technology, Noida.

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
169	07-07-2020	Webinar on Strategies for Effective e-learning: Theoretical Foundations and Best Practices	1 faculty attended
170	08-07-2020 to 13-07-2020	FDP on Intelligent systems and information	6 faculties attended, organized by CSE/ IT Department of JIIT, Noida UP
171	28-11-2020	Certificate of Completion On "Social Network Analysis Using R"	1 faculty completed, LinkedIn Learning Course
172	29-11-2020 to 30-11-2019	2 days Workshop on "IPR & Patent in India",	1 faculty attended, organised by Dept of Biotechnology JIIT,, Noida
173	08-07-2029 to 13-07-2019	One-week FDP on Intelligent Systems & Informatics	3 Faculties attended, organized by JIIT, Noida,
174	09-06 2020	Webinar on "Career prospects and how to prepare in the changing landscapes"	1 faculty attended, organized by Faculty of Management Studies, Gurukula Kangri Vishwavidyalaya, Haridwar on

International

S. No	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By	Details of event
1	08-08-2019 to 10-08-2019	Twelfth International conference on Contemporary Computing (IC3-2019)	5 faculties attended, organized by JIIT Noida jointly with University of Florida, USA.	
2	06-09-2019 to 07-09-2019	International Workshop on Artificial Intelligence: Reasoning and Learning	1 faculty attended, organised by NCU, Gurugram	
3	06-09-2019 to 07-09-2020	International Conference on Computational Intelligence and Data Science (ICCIDS2019)	1 faculty attended, organised by NCU, Gurugram	
4	10-10-2019 to 11-10-2019	11th International Conference on Information Technology and Electrical Engineering (ICITEE) IEEE.	1 faculty presented paper, held at Pattaya, Thailand.	Paper presentation entitled A Flexible Secure Key Delegation Mechanism for CP-ABE with Hidden Access
5	15-11-2019 to 17-11-2019	2019 Fifth International Conference on Image Information Processing (ICIIP)	2 faculties attended and presented paper, organized by the Department of CSE/IT at JUIT, Wagnaghat, HP	

S. No	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By	Details of event
6	14-12-2019 to 15-12-2019	International Conference on Information Management & Machine Intelligence (ICIMMI-2019)	1 faculty presented paper, held at Poornima Institute of Engineering & Technology, Jaipur, Rajasthan.	Presented paper entitled Advanced Real-Time Driver Drowsiness Detection System Using Eye Aspect Ratio (EAR) and Mouth Opening Ratio (MOR
7	15-11-2019 to 17-11-2019	2019 Fifth International Conference on Image Information Processing (ICIIP)	1 faculty attended, organized by the Department of Computer Science & Engineering and Information Technology at Jaypee University of Information Technology, Waknaghat, Solan, Himachal Pradesh, INDIA	
8	17-12-2019 to 20-12-2019	Seventh International Conference on Big Data Analytics – BDA 2019	1 faculty attended, organized by Ahmedabad University, Ahmedabad, Gujrat	
9	28-12-2019	International Conference on Smart Technology, Artificial Intelligence and Computer Engineering	1 faculty attended, held at Munnar, Kerala	
10	09-01-2020 to 11-01-2020	In AIP Conference Proceedings (Vol. 2214, No. 1, p. 020020) (RAMSA).	1 faculty presented paper, held at JIIT, Noida.	Presented paper entitled A threshold secret sharing technique based on matrix manipulation
11	17-01-2019 to 19-01-2020	International Conference on “Innovations in Computational Intelligence and Computer Vision (ICICV 2020)	1 faculty attended and paper presented, hosted by Manipal University Jaipur, Rajasthan, India	Presented a paper, titled “Investigating Large Scale Graphs for Community Detection”
12	06-02-2020 to 07-02-2020	International Conference on Artificial Intelligence and Applications	1 faculty attended and presented paper, held at Maharaja Surajmal Institute of Technology, Delhi	Presented a paper titled “Repulsion based Grey Wolf Optimizer”

S. No	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By	Details of event
13	11-02-2020 to 13-02-2020	Indo-German Spring School on Algorithm for Big Data-2020	1 faculty attended, organised by IIIT Delhi	
14	05-03-2020 to 07-03-2020	2020 6th International Conference on Signal Processing and Communication (ICSC 2020)	2 faculties presented paper, organized by Jaypee Institute of Information Technology, NOIDA, India	
15	04-06-2020 to 05-06-2020	8th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO)	1 faculty Presented paper, organised by Amity University, Noida, India	
16	10-06-2020 to 12-06-2020	International Conference "womentech global conference"	1 faculty attended, International Conference "womentech global conference"	
17	15-06-2020	Second international webinar on "Artificial Intelligence and Business Optimization" by Professor from University of South Florida, Sarasota-Manatee Campus, Florida, USA	1 faculty participated, conducted by Department of Computer Science, IITM	
18	18-06-2020	International Conference on Data Analytics and Management	1 faculty presented a paper in International Conference on Data Analytics and Management	

(b) Invited/Expert Talk

S. No.	Date	Expert Lectures	External Expert(S)
1	01-07-2019 to 06-07-2019	Short Term Course on Deep Learning and its Applications	Prof. R.K. Agrawal, Professor JNU, Delhi, India
2	01-07-2019 to 06-07-2019	STTP on Deep Learning and its applications	Vijay Kumar, TIET
3	19-07-2019	Invited Talk on Cognitive Thinking and AI by Dr. Lydia York from Wenzhou-Kean University (P.R. China)	Dr. Lydia York Wenzhou-Kean University (P.R. China)

S. No.	Date	Expert Lectures	External Expert(S)
	19-08-2019	Interactive Session with Ex-KNUTH Coordinators and GoogleSWE	1. Utkarsh Gupta, Google, Munich, Germany 2. Sameer Gulati, Google, Warsaw, Poland
4	02-09-2019	Workshop on virtual labs	Prateek kumar V Labs IIT Delhi
5	26-09-2019	Motivational Talk on Entrepreneurship Vaibhav Shrivastava Inogus Technology Solution Pvt. Ltd.	
6	24-10-2019	Proctor for two teams for IEEE Xtreme Competition-2019	IEEE Xtreme committee IEEE
7	23-11-2019	OSDHACK19	1. AshutoshKesharwani, Greesync Software Technologies Pvt. Ltd. 2. PriyanshuRanjan, Squad Voice
8	10-12-2019	Invited lecture on "Fuzzy Linear Programming and Fuzzy Matrix"	Dr.Abha Aggarwal Guru Gobind Singh Indraprastha University, Delhi
9	08-01-2020 to 25-01-2020	Smart India Hackathon 2020-Hardware Edition	Mr. Ankur CISCO DEV NET
10	20-01-2020 to 25-01-2020	Smart India Hackathon 2020	1. Gaurav Shukla, Wingify, 2. Priyanshu Singh, Creesync Software 3. Ashutosh, Squd Voice
11	20-01-2020 to 25-01-2020	Smart India Hackathon 2020-Hardware Edition	Mr. Ankur CISCO DEV NET
12	25-01-2020	Internal Hackathon for SIH2020	1. Gaurav Shukla, Wingify 2. AshutoshKesharwani, Greesync Software Technologies Pvt. Ltd. 3. PriyanshuRanjan, Squad Voice
13	14-02-2020	Interactive Session with our Alumni – Atri Sharma	ATRI SHARMA Intuit
14	24-02-2020 to 26-02-2020	Ericsson Career Connect 2020	Sanjay Kumar NanoCell Networks Pvt. Ltd.

(c) Delivered Talks by Faculty:

1. Dr Payal Khurana Batra Delivered an Expert Lecture on "Low power Sensor Technology" at Summer School on Intelligent IoT (IIOT) at JIIT, Sec-128, Noida on 2nd July, 2019.
2. Dr.Anuja AroraDelivered an Invited Talk on "A Practical Overview of Neural Network" in Faculty Development Program on current research trends in Artificial Neural Network at AJAY KUMAR GARG ENGINEERING COLLEGE, 12th July 2019.
3. Indu Chawla Delivered talk on "Fuzzy similarity based assessment and correction of software

Issue reports” during One Week Faculty Development Program on “Intelligent Systems and Informatics” Organized by JIIT, Noida from 8 July - 13 July 2019.

4. Dr Parmeet Kaur Delivered an Invited Talk on “Big Data Processing for Anomaly Detection” on 16 July 2019, in special training programme on Computer and Information Security at Defence Research and Development Organization, DRDO, New Delhi
5. Dr.Anuja Arora Session Chair in 2019 Twelfth International Conference on Contemporary Computing (IC3), 8-10 Aug 2019.
6. Dr Prakash Kumar Session Chair in 2019 Twelfth International Conference on Contemporary Computing (IC3), 8-10 Aug 2020.
7. Dr.Megha Rathi Invited Talk on “Emerging Tools and Techniques for E Learning,” 2nd Refresher Course in E- Learning & E-Governance (Interdisciplinary), UGC-HRDC, Jawaharlal Nehru University, New Delhi, 19th August - 30th August 2019 (22, August, 2019,03:45 PM to 05:15 PM, JNU, New Delhi).
8. Dr.Adwitiya Sinha Invited Talk on “Online Social Network,” 2nd Refresher Course in E- Learning & E-Governance (Interdisciplinary), UGC-HRDC, Jawaharlal Nehru University, New Delhi, 19th August - 30th August 2019 (26th August 2019)
9. Dr.Megha Rathi delivered an Invited Talk on “E-learning Analytics,” 2nd Refresher Course in E- Learning & E-Governance (Interdisciplinary), UGC-HRDC, Jawaharlal Nehru University, New Delhi, 19th August - 30th August 2019 (22, August, 2019, 09:30 AM to 11:00 PM, JNU, New Delhi)
10. Dr Parmeet Kaur Delivered a guest lecture on “Distributed Databases for modern Applications”, at JSSATEN, Noida on 3rd September, 2019.

Neetu sardana Organized & Conducted Special Session on “Data Science for Software Engineering,” International Conference on Computational Intelligence and Data Science , North Cap University, Gurugram (6th, 7th September 2019)
11. Dr. Mukesh Saraswat gave Keynote talk on “Semantic Segmentation on Bio-medical Images”, at International Conference on Recent Developments in Engineering and Technology, Anand International College of Engineering, Jaipur, 14-15 September, 2019.
12. Nitin Shukla Conducted hands-on training on Software Defined Networking (POX, Floodlight and Mininet) and Network Namespaces at IIT Mandi, Mandi during Sep 16-17, 2019.
13. Dr.devpriyasoni Invited as a guest from Department of Computer Applications, KIET Group of Institutions, Ghaziabad in inauguration of Centre of Excellence (CoE) in Machine Learning and Big Data Analytics on 14th September 2019.
14. Dr. Mukesh Saraswat gave Expert Lecture on “Introduction to Deep Learning”, at Madhav Institute of Technology & Science, Gwalior, 29 September, 2019.
15. Dr.Prakash Kumar Delivered a Lecture and HandsOn Session on “Recent Tools and Communication Protocols for IOT based Systems” in Faculty Development Program sponsored by Dr. APJ Abdul Kalam Technical University, Lucknow under TEQIP-III and organised by Department of Electronics and Communication Engineering at Galgotias College of Engineering and Technology, Greater Noida, held during 14-18 october, 2019.

16. Dr DevpriyaSoni Delivered an expert lecture on "Information Retrieval Techniques" at Department of MCA, IIMT college of Engineering, Greater Noida on 21st October 2019.
17. Dr. Mukesh Saraswat gave Expert Lecture on "Soft Computing Methods Implementation on MATLAB", 22 November, 2019, at GLA University, Mathura.
18. Dr. Mukesh Saraswat gave Expert Lecture on "Research Capacity Building", 23 November, 2019, at GLA University, Mathura.
19. Mr. Sulabh Tyagi Organized & Conducted Four Days Staff Development Program organized by department of computer science and engineering, Jaypee Institute of Information Technology, Noida from 2-5 December 2019.
20. Dr.Himanshu Mittal Expert Lecture on "Nature-inspired algorithms and its application", at Department of Computer Science & Engineering, Jagannath Institute of Management Sciences, Gr. Noida, India, 09-13 December, 2019.
21. Dr. Mukesh Saraswat gave Expert Lecture on "Deep Learning using TensorFlow", at Department of Computer Science & Engineering, 11 December, 2019, JIMS Engineering Management Technical Campus, Gr. Noida.
22. Niyati Agarwal Organized & Conducted a Special Session on "Advances in Computational Intelligence and application"at International Conference on Information Management & Machine Intelligence (ICIMMI-2019) held in Poornima Institute of Engineering & Technology on December 14-15, 2019.
23. Dr Kavita Pandey Delivered an invited lecture on "Excel Charting for the Uninitiated, Working with Chart Series, Formatting and Customizing Charts", as a part of MDP's on Dashboard: A tool for effective Management on January 17-18, 2020 organized by Jaypee Business School, Noida.
24. Dr.Megha Rathi Organized & Conducted Special Session Chairperson for Invited Special Session on "Ubiquitous Computing for Intelligent Systems",International Conference on Innovations in Computational Intelligence and Computer Vision (ICICV-2020),Manipal University, Jaipur,Rajasthan, 2020 (Jan (17-19),2020).
25. Dr. Shikha Jain delivered an Invited Talk and Hands-on session on"Using Pivot Tables, Using Pivot Charts, Adding Interactivity with Slicers" on 18 Jan 2020, in MDP's on Dashboard: A tool for Effective Management Tool at Jaypee Business School, Noida.
26. Dr. Manju Session was a chair in SUSCOM2020 on January 20, 2020 at Amity University, Jaipur.
27. Dr.Payal Khurana Batra Delivered an Guest Lecture on "Research Writing using LyX Tool " on 6th Feburary 2020 at Amity Institute of Information Technology, Amity University, Noida.
28. Dr Parmeet Kaur Session Chair in Session on Big Data Analytics, Business Intelligence and Applications in ETTIC 2020 (Feb 6-8, 2020)
29. Dr.Anuja AroraSession Chair in Session on Big Data Analytics, Business Intelligence and Applications in ETTIC 2020 (Feb 6-8, 2020)
30. Dr.Adwitiya Sinha Organized & Conducted Special Session Chairperson for Invited Special Session on "Social Intelligence & Sustainability," Springer International Conference on Artificial Intelligence & Applications, Maharaja Surajmal Institute of Technology, New Delhi, 2020 (7th, 8th February 2020)

31. Somya Jain Organized & Conducted Special Session Chairperson for Invited Special Session on "Social Intelligence & Sustainability," Springer International Conference on Artificial Intelligence & Applications, Maharaja Surajmal Institute of Technology, New Delhi, 2020 (7th, 8th February 2020)
32. Dr. Manish Kumar Thakur Conducted 3 Hrs. Lecture Session on "Advanced Excel and Google Form" on 14th February 2020, in Two days Staff Development Programme at JIIT, Sec 62, Noida, 14-15 February 2020
33. Dr. Tribhuvan Kumar Tewari Organized a two days workshop on "Digital Skills Readiness" Staff Development Programme at JIIT, Sec 62, Noida, 14-15 February 2020
34. Dr. Pawan Singh Mehra Delivered a lecture two days workshop on "Digital Skills Readiness" Staff Development Programme at JIIT, Sec 62, Noida, 15 February 2020
35. Dr. Megha Rathi Organized & Conducted Special Session Chairperson for Invited Special Session on "AI enabled smart sensing and Intelligent computing", International Conference on Research, Innovation, Knowledge Management and Technology Application for Business Sustainability (INBUSH -2020), 7-9 Feb, AMITY UNIVERSITY, Greater Noida, 2020 (2020).
36. Dr. Shikha Jain Session Chair in special session on "Computational Intelligence: Approaches and Applications in Intelligent Transportation Systems" in 3rd International Conference on Innovative Computing and Communication (ICICC-2020), 21-23rd February, 2020, Delhi, India.
37. Dr. Anuja Arora Delivered a Talk and a brainstorming session on "Usage of AI and Machine Learning on Maxillofacial Disorders" at the Department of Oral and maxillofacial surgery, King George's Medical University, Lucknow, 25th Feb 2020.
38. Dr. Mukesh Saraswat gave Guest Lecture on "LaTeX" at Uttarakhand Open University, Haldwani, February 28-29, 2020.
39. Dr. Anuja Arora Delivered an expert talk on "Advanced machine Learning Algorithms: A step towards Artificial Intelligence" in one Week FDP on Artificial Intelligence Sponsored by AICTE under the scheme of ATAL Academy Program (24 – 28 April 2020) . Organized by: Department of Computer Science and Engineering, Indian Institute of Information Technology (IIITN) , Nagpur.
40. Dr. Anuja Arora Delivered an expert talk on "IoT Driven Research and Innovation Landscape" in One Week FDP on Internet of Things Sponsored by AICTE under the scheme of ATAL Academy Program (30 April- 4 May 2020). Organized by: Department of Electronics and Communication Engineering, Indian Institute of Information Technology (IIITN), Nagpur.
41. Dr. Anuja Arora Delivered an expert talk on "Comprehensive Data Exploration using Python" on 19 May 2020 in One Week Faculty Development Program on Python Enrichment. Organized by: Department of Electrical Engineering, K.D.K. College of Engg., Nagpur, Maharashtra, India.
42. Dr. Anuja Arora Delivered an expert talk on "Data Visualization and data interpretation using python" on 20 May 2020 in One Week Faculty Development Program on Python Enrichment. Organized by: Department of Electrical Engineering, K.D.K. College of Engg., Nagpur, Maharashtra, India.

Dr. Payal Khurana Batra Delivered an online Expert Lecture on "Research Writing Tool LyX" on 27th May, 2020 at Sagar Institute of Research and Technology (SAGE Group), Bhopal.
43. Dr. Shikha Mehta Delivered a four-day module on "Web Development for Online retailing using PHP programming and Wordpress for Online Store" in the Add-on Course on "On-line Retailing:

An industry Orientation for Undergraduate Students” organized by Dept. of Comp. Sc., DeenDayal Upadhyaya College, University of Delhi, Delhi, June 1-15, 2019.

44. Dr. sangeeta Mittal Invited Talk on “Role of Machine Learning in Cyber Security” , in Global E-Symposium on “ Global Pandemic Outbreak: Role of Technology & Automation” organized by Department of CSE , JSSATE, Noida, from 1st - 5th June, 2020.
45. Dr. K. Rajalakshmi was Session Chair in International Conference on Rebuilding BHARAT with Artificial Intelligence Interventions after COVID-19 Pandemic: Opportunity and Challenges, Gautam Buddha University, Greater Noida, June 5 2020, Uttar Pradesh, INDIA.
46. Dr. sangeeta Mittal Invited Talk on “Case Studies on Use of Machine Learning in Information Security ” in Online Faculty Development Programme (FDP) On Machine Learning & Artificial Intelligence in Data Science (MAD 2020) , organized by IIIT Noida from 8th - 12th June, 2020
47. Dr. Mukesh Saraswat gave Expert Lecture on “Introduction to Deep Learning”, at Madhav Institute of Technology & Science, Gwalior, 20 June, 2020
48. Dr. Anuja Arora Delivered an expert talk on “ Machine Learning: A step towards Artificial Intelligence” on 21 June 2020 in 2nd Summer School on Application of Machine Learning in SiGnal, ImAge & CoMputer Vision (AMALGAM-2020) in conjunction with 6th IEEE International Conference on Advances in Computing & Communication Engineering (ICACCE), IEEE Las Vegas Section. Link: <http://indiarg.org/icacce/schedule.php>.
49. Dr. Anuja Arora Conducted a workshop on “Supervised Machine Learning: Classification and Regression” on 21 June 2020 in 2nd Summer School on Application of Machine Learning in SiGnal, ImAge & CoMputer Vision (AMALGAM-2020) in conjunction with 6th IEEE International Conference on Advances in Computing & Communication Engineering (ICACCE), IEEE Las Vegas Section.
50. Dr. P. Raghu Vamsi delivered an Invited talk on “Blockchain Technology and Applications” in PIONEERING AI TECHNOLOGY – A CASE STUDY APPROACH, organized by Dept of CSE, Dayananda Sagar University, Bengaluru during 22-26 June 2020.

(d) Departmental initiatives - Guest Speakers, Seminars, Talks, Workshops and Conferences.

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
1.	1-7-2020 to 6-7-2020	Seminar on Cloud and IoT Systems Tools and Applications.	Abroad:1 External:5 Internal:16 Outstanding Participants: 6 Organized by IIIT
2.	1-7-2020 to 6-7-2020	Short Term Course on Deep Learning and its application	Abroad:1 External:21 Internal:19 Outstanding Participants: 22 Organized by IIIT

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
3.	8-8-2020 to 10-8-2020	2019 Twelfth International Conference on Contemporary Computing (IC3)	External:24 Internal:58 Outstanding:24 Organized by JIIT
4.	14-9-2020 to 15-9-2020	Workshop on Soft computing in WSN	External:10 Internal:13 Outstanding Participants: 10 Organized by JIIT
5.	2-12-2020 to 5-12-2020	Four Day Workshop for Lab Technicians at JIIT-128	Internal:13
6.	8-6-2020 to 12-6-2020	One week Online FDP on Machine Learning & Artificial Intelligence in Data Science	Abroad:1 External:55 Internal:29 Outstanding Participants: 55
7.	19-6-2020 to 23-6-2020	One week Online FDP on Emerging Technologies in Cloud computing, IOT and Blockchain	Abroad:1 External:58 Internal:19 Outstanding Participants: 59

(e) Student Enrichment Programmes:

S No	Dates	Special lectures/ workshops/ seminar involving external experts	External Expert/Guest - Name	Affiliation / Organization	No of participants
1	01-07-2019 to 06-07-2019	Short Term Course on Deep Learning and its Applications	Prof. R.K. Agrawal	Professor JNU, Delhi, India	41
2	01-07-2019 to 06-07-2019	STTP on Deep Learning and its applications	Vijay Kumar etc	TIET	50
3	19-07-2019	Invited Talk on Cognitive Thinking and AI by Dr. Lydia York from Wenzhou-Kean University (P.R. China)	Dr. Lydia York	Wenzhou-Kean University (P.R. China)	100
	19-08-2019	Interactive Session with Ex-KNUTH Coordinators and GoogleSWE	Utkarsh Gupta and Sameer Gulati	Google, Munich, Germany and Google, Warsaw, Poland	300
4	02-09-2019	Workshop on virtual labs	Prateek kumar	V Labs IIT Delhi	263

S No	Dates	Special lectures/ workshops/ seminar involving external experts	External Expert/Guest - Name	Affiliation / Organization	No of participants
5	26-09-2019	Motivational Talk on Entrepreneurship	Vaibhav Shrivastava	Inogus Technology Solution Pvt. Ltd.	260
6	24-10-2019	Proctor for two teams for IEEE Xtreme Competition-2019	IEEE Xtreme committee	IEEE	8
7	23-11-2019	OSDHACK19	Ashutosh Kesharwani and Priyanshu Ranjan	Greesync Software Technologies Pvt. Ltd. and Squad Voice	70
8	10-12-2019	Invited lecture on "Fuzzy Linear Programming and Fuzzy Matrix"	Dr.Abha Aggarwal	Guru Gobind Singh Indraprastha University, Delhi	100
9	08-01-2020 to 25-01-2020	Smart India Hackathon 2020-Hardware Edition	CISCO DEV NET- Ankur	CISCO DEV NET	100
10	20-01-2020 to 25-01-2020	Smart India Hackathon 2020	Gaurav Shukla, Priyanshu Singh, Ashutosh	Wingify, Creesync Software, Squad Voice	183
11	20-01-2020 to 25-01-2020	Smart India Hackathon 2020-Hardware Edition	Team from CISCO DEVNET- Ankur	CISCO DEVNET	114
12	25-01-2020	Internal Hackathon for SIH2020	Gaurav Shukla, Ashutosh Kesharwani, and Priyanshu Ranjan	Wingify, Greesync Software Technologies Pvt. Ltd., and Squad Voice	222
13	14-02-2020	Interactive Session with our Alumni – Atri Sharma	ATRI SHARMA	Intuit	65
14	24-02-2020 to 26-02-2020	Ericsson Career Connect 2020	Sanjay Kumar	NanoCell Networks Pvt. Ltd.	60

(f) Visit of Dignitaries.

S. No.	Expert	Topic/Purpose of visit	Date
1.	Dr. Zdzislaw Polkowski, Adjunct Professor at Uniwersytet Ekonomiczny we Wrocławiu Rector's Representative for International Cooperation and Erasmus+ Programme	Research Collaboration	20-02-2020
2.	Prof. Lalit Garg, University of Malta	Discuss for collaboration w.r.t. the MoU	17-12-2019

➤ Honors and Awards
Faculty:

Sr. No.	Date	Faculty/Awards
1	17-19, January 2020	Gaurav Kumar Nigam Got the best paper award for the paper titled "Investigating Large Scale Graphs for Community Detection" in International Conference on "Innovations in Computational Intelligence and Computer Vision (ICICV 2020)," hosted by Manipal University Jaipur, Rajasthan, India.
2	June, 2020	Dr. Anuja Arora received Outstanding Contribution in Reviewing Award June 2020 for Journal of retailing and Consumer Services, Elsevier
3.	January, 2020	Dr. Anuja Arora received Reviewing Award, Jan 2020 by the Editor-in-chief of Managerial and Decision Economics Journal, Wiley

Students:

S. No.	Student Awards
1	Yash Singhal Received Best Paper Award for "TODD: Time-aware Opinion Dynamics Diffusion Model for Online Social Networks," in Springer International Conference on Artificial Intelligence and Applications, authored by: Aditya Lahiri, Yash Singhal, Adwitiya Sinha (2020)

S.NO	NAME OF EVENT	WINNERS	POSITION/Prize	COLLEGE
1	GSoC'20	ShreyanshChouhan	Google Summer of Code 2020 project	JIT 62
2	GSoC'20	Aman Ahuja	Google Summer of Code 2020 project	JIT 62
3	GSoC'20	AnkurKothiwal	Google Summer of Code 2020 project	JIT 128
4	GSoC'20	PrakherPrashank	Google Summer of Code 2020 project	JIT 128
5	GSoC'20	EshanDhawan	Google Summer of Code 2020 project	JIT 128

S.NO	NAME OF EVENT	WINNERS	POSITION/Prize	COLLEGE
6	GSoC'20	TusharGoel	Google Summer of Code 2020 project	JIIT 128
7	GSoC'20	Naman Bhatia	Google Summer of Code 2020 project	JIIT 128
8	GSoC'20	Samarth Sharma	Google Summer of Code 2020 project	JIIT 128
9	CodeHard	Rohan Mukhija	First/Rs.2000	JIIT 128
10	CodeHard	Ankit Singhal	Second/Rs.1500	JIIT 128
11	CodeHard	Kislaya Srivastava	Third/Rs.1000	JIIT 128
12	AlgoFuzz	Raman Sharma	First/Rs.2500	JIIT 128
13	AlgoFuzz	Hemant Panwar	Second/Rs.1500	JIIT 128
14	AlgoFuzz	AkshitaDudani	Third/Rs.500	JIIT 128
15	AlgoFlux	Amit Pratap Singh	Third/Rs.3500	JIIT 128
16	AlgoFlux	Devashish Vats	Second/Rs.8000	JIIT 128
17	AlgoFlux	AkshitaDudani	1000	JIIT 128
18	AlgoFlux	Pulkit Chhabra	Second/Rs.5000	JIIT 128
19	AlgoFlux	Apaar Kamal	1000	JIIT 128
20	CodeFight	Hemant Panwar	First/Rs.2000	JIIT 128
21	CodeFight	PrakharVaish	Second/Rs.1500	JIIT 128
22	RapidFire	Hemant Panwar	Third/Rs.1000	JIIT 128
23	RapidFire	PrakharVaish	First/Rs.2000	JIIT 128
24	RapidFire	Shivam Gupta	Second/Rs.1500	JIIT 128

➤ Other Achievements

- CSE/IT faculty published 104 scopus and 68 web of science indexed papers during July 2019 - June 2020 with a total citation count in last 4 years (Google scholar): 1688. Some of our research has been cited by the researchers at world’s top 100 universities e.g. MIT, University of MaryLand etc.
- 6 patents were published by department this year.
- 15 PHDs were completed during July 2019-June 2020 year.

Department of Electronics & Communication Engineering (ECE)



“The latest technology today is an obsolete technology tomorrow”. The quote is apt and relevant as the world of technology in electronics industry is changing very fast and has undergone tremendous transformation. The technology landscape in 21st Century necessitates innovation and excellence. This, precisely, is what the Electronics and Communication Engineering (ECE) Department at JIIT is all about. Electronics and Communication Engineering discipline spans a diverse set of intellectual subfields and applications.

The subfields can be grouped into overlapping and interrelated areas like Signal and Image Processing, Semiconductor Device Design, Communication Systems, Data Communication Networks, Microwave and Antenna Design, Internet of Things, Wireless Communication, Microelectronics, Embedded Systems, VLSI Design, and many more.

It is really a matter of great pride that the department is having a team of highly embellished and motivated faculty having rich and varied experience in industry, research as well as academia. Our strength is a reflection of composite skills, innovation and drive. Presently, ECE Department has total faculty strength of 74, which includes 2 Professor, 15 Associate Professors and 57 Assistant Professors. Most of the faculty members have completed their Ph.D degrees and have Master’s degrees from renowned IIT’s, IIIT’s and other reputed universities.

The highly dedicated and committed faculty members in ECE Department keep themselves abreast of the latest technology and are integral part of transfer of learning by involving students even in high end research and related projects in a multitudinous thrust areas such as VLSI design, Telecommunication, 4G & 5G Cellular Technologies, Communication Channel Modeling, Free Space Optical Communication, Integrated Antennas, Cognitive Radio, Signal Denoising, Device Modeling,

Digital Filter Design and Applications, Digital System Testing, Analog IC Design, VLSI-DSP Architecture, Semiconductor Memories, Embedded System Applications etc.

The students, who are budding technocrats and technology professionals, are also encouraged to make a research foray into diverse interdisciplinary courses such as Medical Imaging, Renewable Energy, Smart Grid, Pattern Recognition, Biometric, Image Forensics, Big Data, and Robotics etc, ranging from practical implementation to theoretical investigations. The department regularly conducts a series of Workshops and Faculty Development Programs to keep the faculty and students updated with recent trends in electronics and communication engineering.

➤ Facilities Including labs

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

- Engineering Drawing and Design Lab
- Engineering Workshop
- Basic Electronics Lab
- Electronic Devices and Circuits/ Analog and Digital Electronics Lab
- Electrical Machine and Instrumentation Lab
- Communication System Lab
- Advanced Communication lab
- Embedded System Lab
- VLSI/VHDL Lab
- B.Tech Project Lab
- VLSI Design Automation Lab (PG Lab 2)
- Modelling and Simulation Lab (PG Lab 1)
- IOT Lab
- Machine Learning Lab
- Signal Processing Lab
- MEMS Lab-I

Engineering Drawing and Design Lab

The engineering Drawing and Design lab helps and guides the students to learn how the technical drawings can be drawn in different methods. In this lab student developing some different skills such as ability to read and prepare engineering drawings, power to imagine, analyses and communicate, and capacity to understand other subjects. The experiment list includes basic concept of orthographic projection, projection of points, lines, planes, solids, and Isometric projections. Auto-CAD software used to design 2D and 3D objects.

Engineering Workshop

Engineering workshop for first year students is very useful because it helps students to become familiar with basic manufacturing environment. Students acquire knowledge on operation of various processes used in the manufacturing of products. In this lab, students learn about various hand tools and create prototypes in Fitting, Carpentry, Sheet metal, Foundry & Welding shop. Students also get to know about working principle and operations of various machines like Lathe, Shaper, Milling, Drilling, and Grinding.

Basic Electronics Lab

The Basic Electronics Lab-I is one of the most important labs for engineering students. This is the first level laboratory in which students are introduced with electronics for the first time and are trained with the preliminary of electronics. In this lab students are given introduction and identification of different active and passive electronics devices/components. They are familiarized with different signal sources and instruments used in electronics engineering, students learn the usage/handling of different measuring instruments like Digital multimeter, CRO, Function Generators, Regulated power supply etc. In this lab, students become familiar with device characteristics and their applications. Students learn to work with hand by making the circuit on bread board and analyzing it using laboratory instruments such as digital multimeters (DMMs), power supplies, function generators and oscilloscopes. By the end the students become familiar with basic components such as resistors, diodes, transistors, and operational amplifiers function and have the necessary skills of circuit designs.

Electronic Devices and Circuits/Analog and Digital Electronics Lab

The Electronic Devices and Circuit Lab is one of the most important labs for electronic engineering students. The experiment list includes experiments on amplifiers and MOSFET circuits that are very essential for ECE students to solidify their theoretical and practical concepts. In this lab students first design their circuit on software using PSPICE and then simulate it. After simulating on software they again perform the same exp. on breadboard and match the results.

Electrical Machine and Instrumentation Lab

This laboratory is intended specifically to meet the needs of modern and conventional courses in electrical machines and instrumentation. It is used at undergraduate level for the study of the characteristics and operation of different electrical machines such as single and three phase transformer, DC machines, single and three-phase induction machines, synchronous machines and fractional kW motors using state of the art teaching modules.

Communication System Lab

In this lab, the students learn about a number of modulation techniques such as Amplitude Modulation, Frequency Modulation, Phase Modulation, Pulse Width Modulation and Pulse Position Modulation etc. The digital modulation techniques such as ASK, FSK, PSK, QPSK, and QAM are also being done here. Data encoding and decoding techniques and various sampling techniques are also included in these lab courses. This lab is having a number of trainer kits with the help of which students learn the communication technology in detail and try to co-relate with the theoretical aspects.

Advanced Communication lab

This lab covers a set of advanced topics in computer networks. The focus is on principles, architectures, and protocols used in modern networked systems. The goals of this course is to build basic networking and understanding of the trade-offs and existing technology in building large, complex networked

systems, and provide concrete experience of the challenges through a series of lab exercises. This lab is also very important for research purpose using NAM Animator, Topology generation for large simulation and scenario generation using network simulator and Ansys HFSS.

Embedded System Lab

In this lab students are given introduction of different Universal Microcontroller Development Board, 8051 Daughter Board, ARM-7 Daughter Board, AVR Daughter Board, Arduino Daughter Board, Raspberry PI 2B and 3B, FPGA Spartan3E Nano board with USB, STM32 V Discover etc.

VLSI/VHDL Lab

The various research activities of this lab focus on modern VLSI processor architectures for big data systems, very high speed on chip interconnect channels, reconfigurable data flow architectures, memristor model development and circuit design, high frequency RFIC and mixed mode systems, novel thermal and 3D imaging sensors and also miniaturizing electron accelerators.

B.Tech Project Lab

The Projects Laboratory has a key role in promoting practical and hands-on education throughout the undergraduate careers of students at the University. Student conducts a experiment or undertake a piece of research to achieve the objective of their task. It has 43 high performance computers with useful software like Matlab, Network Simulator and Optisystem installed on it. MATLAB, is an essential tool in the practice of engineering, of great significance in the learning process.

VLSI Design Automation Lab (PG Lab 2)

This lab allows the theoretical concepts studied as part of subjects CMOS VLSI Design, Microelectronics Circuits and HDL, to experience in practical with the help of Cadence tool framework. The lab introduces the complete custom IC design flow, ASIC design flow and AMS (Analog and Mixed Signal) flow for Analog circuits, Digital circuits and Analog and mixed signal circuits design respectively.

Modelling and Simulation Lab (PG Lab 1)

This is one of the most important lab for post graduate engineering students. This is the Post graduate level laboratory in which students are taught many important software MATLAB and LabVIEW. Students learn quality engineering principles to inexperienced graduate students in an accurately simulated industrial development environment. It resulted in the development of a framework for describing and evaluating such a real-world project, including evaluation of the notion of a user.

IOT Lab

In cloud and carryout various analysis keeping in mind, the ECE department have setup the IOT Lab for developing IOT based applications related to Home Automation, Smart Cities, Smart Irrigation, and Smart Health Care etc. The lab is presently utilized by B.Tech. and M.Tech students for building their projects related to minor, major, and thesis. The lab is equipped with sufficient number of Raspberry Pi boards with various sensors and actuators modules. The high speed LAN and wi-fi router are available for providing internet connectivity to Raspberry pi boards. The open source cloud platforms are utilized for data storage and analytics.

Machine Learning Lab

The need for efficient processing and extraction of meaningful information from massive data has now become part of everyday life for taking informed decisions. In the ECE Department we created

a distributed network of computers built using Apache Spark. This cluster of computers is capable of performing computations in a distributed manner.

We are currently working for development of Hadoop based framework for image super resolution which exploits computational and storage efficiency of cloud.

Signal Processing Lab

In this lab Students learn quality engineering principles to inexperienced graduate students in an accurately simulated industrial development environment. MATLAB stands as a de facto development language and environment serving the technical needs of a wide range of users. MATLAB is a high-performance language for technical computing. It integrates computation, visualization, and programming in an easy-to-use environment where problems and solutions are expressed in familiar mathematical notation. Typical uses include: Application development, including Graphical User Interface building.

MEMS Lab-I

These labs was formerly designated as 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 of our institute. Research work carried out in this center includes Design, Characterization and Modeling of On-Chip Inductors on Silicon Substrate; SAW Oscillator for Temperature/Gas Sensor.

Important additions made in Labs

The list of additions in ECE labs during the year is as below:

Following instruments have been purchased (1 July 2019 to 30 June 2020):

S. No.	Lab	Instruments	
1.	Basic Electronics Lab	Equipments	Qty
		30 MHz Analogue Cathode Rays Oscilloscope - 28 Nos.	
		3MHz Function Generator	-38 Nos.
		Regulated Power Supply (0-30 V)	-03 Nos.
		Multimeter (MetroQ)	-02 Nos.
2.	Electronics Devices and Circuits / Analog and Digital Circuits Lab	Equipments	Qty.
		Multiple DC Power Supply	-07Nos.
		60MHz Arbitrary Waveform Generator	-12Nos
		3MHz Function Generator	-05 Nos.
		Adv. Analog cum Digital Trainer Kit	-07 Nos.
3.	Communication System Lab	Equipments	Qty.
		Bread Boards	-20 Nos.
		3MHz Function Generator	-04 Nos.

S. No.	Lab	Instruments	
4.	Advance Communication Lab	Simulation Software	License
		ANSYS HFSS Academic Teaching Suit Licenses	25 Perpetual
6.	VLSI/VHDL Lab	Equipments	Qty.
		Raspberry Pi3 Model –B and	- 02 Nos. 2 GB RAM and SD Card
7.	Signal Processing Lab	Simulation Software	License
		ANSYS HFSS Academic Teaching Suit Licenses	25 Perpetual
8.	Engineering Workshop	Equipments	Qty.
		Bench Vice 4"	-02 Nos.
		Milling Machine Vice 4"	-01 Nos.
		Tools	Qty.
		Straight Pen Hammer (200 Gm)	-02 Nos.
		Nose Plier	-02 Nos.
		Wire Gauge	-01 Nos.
		Rising Hammer (200 Gm)	-02 Nos.
		Odd Leg Callipers	-02 Nos.
		Flat File 12"	-04 Nos.
		Square File 10"	-02 Nos.
		Milling Cutter 06 MM	-01Nos.
		Straight Snip 220 MM	-04 Nos.
		Triangular File 08"	-03 Nos.
		Triangular File 06"	-01 Nos.
		Hacksaw Frame	-02 Nos.
		Divider 6"	-02 Nos.
Safety Goggle	-08 Nos.		

➤ Faculty activities:

(a) Workshop, Seminars, Symposiums, Conferences:

National

S. No.	Date	Name Of Conference/ Workshop/ Seminar Attended	Total ECE Faculty Participated & Organized By
1.	01-06-2019 to 06-07-2019	Short Term Course On Cloud & IoT based Systems, Tools, and Applications, JIIT, Noida	2 Faculty Participated, ECE Department, JIIT, Noida

S. No.	Date	Name Of Conference/ Workshop/ Seminar Attended	Total ECE Faculty Participated & Organized By
2.	01-06-2019 to 06-07-2019	Short Term Course on "Deep Learning and its Applications", JIIT, NOIDA.	2 Faculty Participated, ECE Department, JIIT, Noida
3.	08-06-2019 to 12-07-2019	FDP on VLSI Chip Design Hands on using open source EDA	12 Faculty Participated, Electronics and ICT Academy, NIT Patna at JIIT, NOIDA
4.	09-06-2019 to 14-07-2019	FDP on Synthesis and Characterization of Materials	1 Faculty Participated, Department of PMSE at JIIT Noida, Uttar Pradesh
5.	20-07-2019 to 21-07-2019	Workshop on "Signal Processing and its Applications"	6 Faculty Participated, Department of ECE, JIIT Noida-62
6.	28-07-2019 to 29-07-2019	Workshop on "Ethical Issues in Research"	1 Faculty Participated, Department of biotechnology, JIIT Noida-62
7.	17-08-2019 to 18-08-2019	Two days National Workshop on "Photoptics"	8, JIIT, NOIDA
8.	22-08-2019 to 23-08-2019	QIP Short Term Course on Electromagnetic Metamaterials: Microwave-Infrared-Optical Applications	2 Faculty Participated, Department of EE IIT Kanpur, U. P.
9.	30-08-2019 to 31-08-2019	3rd International Conference on Micro-Electronics and Telecommunication Engineering (ICMETE - 2019)"	1 Faculty Participated, SRM Ghaziabad
10.	08-2019 to 10-2019	FDP on Accreditaion and Outcome based learning, NPTEL-AICTE	1 Faculty Participated, NPTEL-AICTE
11.	14-09-2019 to 15-09-2019	National Workshop on "Soft Computing Techniques for Wireless Sensor Networks (SCWSN)"	1 Faculty Participated, ECE Department, JIIT, Noida
12.	27-09-2019	Workshop on "Virtual Labs", JIIT	ECE Department, JIIT, Noida
13.	16-10-2019	Invited Talk by Prof. ZeevZalevsky on "Resolution and depth of focus enhanced imaging in label-free micro-endoscopy and nanoscopy"	1 Faculty Participated, JIIT, Noida
14.	19-10-2019	Invited Talk by Dr. Virendra Mahajan on "Axial Irradiance of a Focused Beam"	1 Faculty Participated, JIIT, Noida
15.	21-10-2019 to 23-10-2019	2nd International Conference on VLSI, Communication, and Signal Processing	1 Faculty Participated, MNNIT Allahabad
16.	23-10-2019	Invited Talk by Dr. DaeWook Kim on "Giant Eyes of the Earth"	1 Faculty Participated, JIIT, Noida

S. No.	Date	Name Of Conference/ Workshop/ Seminar Attended	Total ECE Faculty Participated & Organized By
17.	24-10-2019	Invited Talk by Prof. Eva Acosta on "Wavefront Coding Based Imaging Systems"	1 Faculty Participated, JIIT, Noida
18.	24-10-2019	One day workshop on Gender Sensitization by Department of Humanities and Social Sciences	13 Faculty Participated, JIIT, Noida
19.	06-11-2019	FDP on Business 4.0 , T&P	6 Faculty Participated, T&P, JIIT, Noida
20.	09-11-2019 to 10-11-2019	JIIT Student Conference on Optics and Photonics (JSCOP)"	1 Faculty Participated, PMSE Department, JIIT, Noida
21.	29-11-2019 to 30-11-2019	Workshop on IPR and Patenting in India	3 Faculty Participated, JIIT, Noida
22.	09-12-2019 to 14-12-2019	Innovative Teaching Learning Methodologies, JIIT Noida	21 Faculty Participated, JIIT, Noida
23.	10-12-2019 to 13-12-2019	The 28th IEEE Asian Test Symposium (ATS 2019), ATS- Kolkata, W.B	1 Faculty Participated, ATS- Kolkata, W.B
24.	17-12-2019	workshop on R Programming	1 Faculty Participated, Teaching Learning Centre, ICT at IIT Bombay.
25.	18-01-2020	Workshop on Arduino a Course in the IoT Series on 18 January 2020 by IIT Mumbai, at IIT Powai sponsored by the National Mission on Education through ICT (NMEICT), MHRD, Govt. of India	2 Faculty Participated, IIT Mumbai, at IIT Powai sponsored by the National Mission on Education through ICT (NMEICT), MHRD, Govt. of India
26.	08-02-2020	One day workshop on "TCAD Workshop on TNL Tools"	4 Faculty Participated, ECE, JIIT, Noida
27.	12-02-2020 to 14-02-2020	URSI Regional Conference on Radio Science (URSI-RCRS 2020)	2 Faculty Participated, IIT (BHU), Varanasi, India
28.	20-02-2020 to 22-02-2020	International conference on advanced materials and nanotechnology (AMN2020)	2 Faculty Participated, PMSE, JIIT, Noida
29.	21-02-2020 to 25-02-2020	AICTE(QIP) Sponsored Short Term Course on EMERGING TRENDS OF SIGNAL AND IMAGE PROCESSING	1 Faculty Participated, PDPMIITDM Jabalpur MP, India
30.	27-02-2020 to 28-02-2020	7th International Conference on Signal Processing and Integrated Networks	1 Faculty Participated, Amity University, NOIDA
31.	03-03-2020	Invited Talk on "Applications of Remote Sensing in Innovation and Technology"	1 Faculty Participated, JIIT, Noida

S. No.	Date	Name Of Conference/ Workshop/ Seminar Attended	Total ECE Faculty Participated & Organized By
32.	05-03-2020 to 07-03-2020	ICSC 2020	44 Faculty Participated, JIIT, Noida
33.	15-04-2020 to 30-04-2020	Virtual Automation Based Online Summer Internship Program	2 Faculty Participated, ITS Engineering College, Greater Noida
34.	18-04-2020	Leadership talk: Prof. K. K. Aggarwal, Chairman, National Board of Accreditation, online	1 Faculty Participated, NBA
35.	18-04-2020	Technical session online "Full custom design flow using 45 nm with Tanner Tool"	1 Faculty Participated, CoreEL Technologies
36.	20-04-2020	Attended web workshop on "RF and Microwave Analysis with COMSOL Multiphysics® Analysis with COMSOL"	1 Faculty Participated, COMSOL
37.	25-04-2020	Genomics for Covid 19: Key to combat pandemic	2 Faculty Participated, JIIT, Noida
38.	08-04-2020 to 22-05-2020	IIC online sessions to promote innovation, IPR, Entrepreneurship and start-ups	6 Faculty Participated, IIC of MHRD's Innovation Cell, New Delhi
39.	02-05-2020	webinar on challenges and opportunities before Indian higher education due to COVID-19	1 Faculty Participated, Guru Angad Dev Teaching Learning Centre (GAD-TLC)
40.	02-05-2020	webinar on the India First Leadership Talk by MHRD's Innovation Cell.	1 Faculty Participated, MHRD's Innovation Cell.
41.	04-05-2020 to 10-05-2020	FDP on "Blockchain & its Application"	2 Faculty Participated, Electronics and ICT Academy, NIT Patna
42.	04-05-2020 to 13-05-2020	FDP on Deep Learning and its Application	1 Faculty Participated, EICT, IIT Roorkee
43.	07-05-2020	Attended Webinar on "Impact of Electrical Vehicles in the Post COVID World", May 7, 2020	1 Faculty Participated, IEEE India Council in association with IEEE PES
44.	08-05-2020	webinar on challenges and opportunities in higher education in India for the 21st century	1 Faculty Participated, Guru Angad Dev Teaching Learning Centre (GAD-TLC)
45.	09-05-2020	webinar on the India First Leadership Talk with Prof D. P. Singh, Chairman UGC	7 Faculty Participated, MHRD's Innovation Cell.
46.	15-05-2020	webinar on e-content development methodology: Four quadrant model, OERs and copyright issues	1 Faculty Participated, Guru Angad Dev Teaching Learning Centre (GAD-TLC)

S. No.	Date	Name Of Conference/ Workshop/ Seminar Attended	Total ECE Faculty Participated & Organized By
47.	15-05-2020	webinar on Omni Directional Antenna Using HFSS	1 Faculty Participated, ENTUPLE Technology in partnership with IEEE, MTT-S
48.	16-05-2020	Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop	5 Faculty Participated, IIT Bombay
49.	17-05-2020	Webinar on LPWAN Designs and Applications	1 Faculty Participated, The IOT Academy, in association with E&ICT Academy, IIT Guwahati
50.	18-05-2020 to 22-05-2020	Online FDP on Role of Teachers and Educational Institutes in Unnat Bharat Abhiyan (UBA)	1 Faculty Participated, Rural Development Department NITTTR, Chandigarh
51.	18-05-2020	workshop on SIW BASED STRUCTURES SIMULATION USING HFSS	2 Faculty Participated, Entuple Technologies
52.	19-05-2020	webinar on Frequency Selective Surface using HFSS	2 Faculty Participated, ENTUPLE Technology in partnership with IEEE, MTT-S.
53.	19-05-2020	Webinar on Deployment Challenges of IOT	The IOT Academy, in association with E&ICT Academy, IIT Guwahati
54.	19-05-2020	Webinar on Implementation of Machine Learning in E-Commerce	1 Faculty Participated, The IOT Academy, in association with E&ICT Academy, IIT Guwahati
55.	23-05-2020	webinar on Design of Microwave Filter using HFSS	3 Faculty Participated, ENTUPLE Technology in partnership with IEEE/MTT-S.
56.	26-05-2020	One day webinar on Waveguide Modes and Antennas	1 Faculty Participated, Department of ECE, Bennett University
57.	29-05-2020 to 30-05-2020	Workshop on Education 4.0: Transformation on Learning Environment	1 Faculty Participated, REC Banda
58.	29-05-2020	National webinar on "Tax Planning of Salaried Individuals for Financial Year 2020-21"	2 Faculty Participated, Lakshmi Bai College, University of Delhi
59.	30-05-2020	Webinar on "Transformational Role of Technology in Higher Education"	2 Faculty Participated, Jaipuria institute of Management, Ghaziabad
60.	01-06-2020 to 05-06-2020	Five day Global E-symposium on "Global Pandemic Outbreak: Role of Technology & Automation (GPORTA)	2 Faculty Participated, JSSATE, Noida

S. No.	Date	Name Of Conference/ Workshop/ Seminar Attended	Total ECE Faculty Participated & Organized By
61.	05-06-2020	Webinar on Virtual Interactive Classroom for Teachers and Challenging Technologies in Post Covid 19 Era	1 Faculty Participated, IFERP
62.	05-06-2020 to 06-06-2020	Webinar on sustainable energy and environmental practices (SEEP 2020)	1 Faculty Participated, NIT Silchar
63.	08-06-2020 to 12-06-2020	online FDP on Machine learning and artificial intelligence in data science	1 Faculty Participated, JIIT Noida
64.	08-06-2020 to 13-06-2020	FDP on "Antenna and Microwave Engineering"	4 Faculty Participated, ECE Department in association with IETE K. R. College of Technology, Samayapuram, Trichy.
65.	12-06-2020	Webinar on Research in Digital Age – Problems and Opportunities	1 Faculty Participated, BVICAM, Delhi.
66.	13-06-2020	1 day webinar Software Industry : Tools and Methodology on the topic Angular JS :Basics and Development Future and prospects	1 Faculty Participated, Dept of Computer Science and Engineering, ANITS
67.	14-06-2020	1 Day webinar on Software Industry : Tools and Methodology on the topic Research Trends in AI/ Deep Learning for computer vision	1 Faculty Participated, Dept of Computer Science and Engineering, ANITS
68.	15-06-2020 to 19-06-2020	Online FDP on Skill Enhancement using Free & Open Software Tools	1 Faculty Participated, Curriculum Development Centre Department NITTTR, Chandigarh
69.	15-06-2020 to 19-06-2020	Nanotechnology for Electronics and Photonics Devices	1 Faculty Participated, PEC
70.	15-06-2020 to 19-06-2020	FDP on Quantum Computing	1 Faculty Participated, ATAL-AICTE, NITTR, Chandigarh
71.	19-06-2020	Webinar on IT Project: The Key Management Areas for Success	2 Faculty Participated, BVICAM, Delhi.
72.	20-06-2020	Completed "The BodhiTree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop"	2 Faculty Participated, Teaching Learning Centre (ICT) at IIT Bombay, funded by the (PMMMNTT), MHRD, Govt. of India
73.	22-06-2020 to 26-06-2020	Nanoscience for Engineering Applications	1 Faculty Participated, NITTTR Chandigarh
74.	22-06-2020 to 26-06-2020	FDP on Internet of Thing	1 Faculty Participated, ATAL-AICTE, NIT, Warnagal

S. No.	Date	Name Of Conference/ Workshop/ Seminar Attended	Total ECE Faculty Participated & Organized By
75.	22-06-2020	Webinar on "Deep Learning",	1 Faculty Participated, RKGIT, Ghaziabad,
76.	22-06-2020 to 26-06-2020	Online FPD on Advances in Antenna Design Techniques and Simulations using CST Studio Suite	1 Faculty Participated, Department of ECE NITTTR, Chandigarh
77.	22-06-2020	Webinar on Development of low-cost solar air collector	1 Faculty Participated, Francis Xavier engineering college
78.	24-06-2020	Webinar on "How to Convert Your Research to publishable Exposition"	3 Faculty Participated, Department Of Information Technology, BPIT, Delhi
79.	24-06-2020	Attended Webinar on ML and DL with MATLAB	2 Faculty Participated, Design Tech Pvt. Ltd.
80.	25-06-2020	Webinar on SMARTER Teaching with Keysight University Teaching Solutions	1 Faculty Participated, Keysight Technologies
81.	25-06-2020	Webinar on Renewable Energy	4 Faculty Participated, Francis Xavier Engineering college, Tirunelveli
82.	25-06-2020	Webinar on Regression Modelling	1 Faculty Participated, Francis Xavier engineering college
83.	27-06-2020	Webinar on "Advance & Current trends in Aerospace Research with Current sample"	1 Faculty Participated, Francis Xavier engineering Colledge, Tirunelveli
84.	27-06-2020	Webinar on "Research Paper Questionnaire Development"	1 Faculty Participated, Department of Management Studies, RKGIT, Ghaziabad
85.	30-06-2020	Webinar on Research Writing and Managing Citations	2 Faculty Participated, Poornima University
86.	30-06-2020	Webinar on "Space Astronomy " Presented by Prof Jayant Murthy Senior	1 Faculty Participated, Indian Institute of Astrophysics, Bangalore

International

S. No.	Date	Name Of Conference/ Workshop/ Seminar Attended	Total ECE Faculty Participated & Organized By	Details of event
1.	22-04-2020	Webinar on ICT Application in Teaching and Learning	2 Faculty Participated, Colombo Plan Staff College, Manila, Phillipines	International

(b) Workshops, seminars, symposiums, conferences Organized:
National

S. No.	Date	Name Of Conference/ Workshop/ Seminar Attended	Total ECE Faculty Participated & Organized By
1	20-07-2019 to 21-07-2019	Workshop on "Signal Processing and its Applications"	8, ECE Department, JIIT Noida
2	08-02-2020	One day workshop on "TCAD Workshop on TNL Tools"	4, ECE Department, JIIT Noida
3	24-06-2020	Online webinar on Machine and deep learning using MATLAB	2 Faculty Participated, Design tech Pvt. Ltd.
4	08-07-2020 to 12-07 2020	One week Faculty development program on VLSI Chip Design Hands on using open source EDA	12 Faculty Participated, Electronics and ICT Academy, National Institute of Technology, Patna at JIIT, Noida.

International

S. No.	Date	Name Of Conference/ Workshop/ Seminar Attended	Total ECE Faculty Participated & Organized By
1	05-03-2020 to 07-03-2020	International Conference on Signal Processing and Communication (ICSC 2020)	44 Faculty Participated, ECE, JIIT Noida

(c) Invited/Expert Talk

S. No.	Date	Expert Lectures	External Expert(S)
1	16-10-2019	Resolution and Depth of Focus Enhanced Imaging in label-free Micro-endoscopy and Nanoscopy	Prof. ZeevZalevsky, Faculty of Engineering and the nanotechnology center, Bar-IlanUniversity Israel
2	11-12-2019	Turbo-decoding and Belief Propagation in Bioinformatics	Prof. Gaurav Sharma, University of Rochester
3	24-06-2020	Online webinar on Machine and Deep Learning using MATLAB	Mr. Akhilesh Kumar, DesignTech Systems Pvt. Ltd.

Department of Biotechnology



Established in 2002, Jaypee Institute of Information Technology's Department of Biotechnology stands firm on its objective of providing teaching and learning that is unequivocally backed by research, crafting a vibrant R & D environment. The department homes erudite faculty members with their doctoral and post-doctoral studies, from both reputed Indian and foreign institutions. Multiple domestic and coordinated efforts in the scholarly community and industry reinforce and strengthen the core of the various programs (B.Tech, Dual degree, Masters, Doctoral) offered by our department.

The advent of 21st century witnessed the scope of biotechnology broaden with every passing year, with the realization of its potential to advance life and health for the best. The Indian Biotech industry, currently valued at \$64 bn, is expected to reach a massive \$150 bn target by 2024. To address the demands of the continuously evolving technology and industry, our curriculum is designed to prepare our students as prominent contributors to the field by imparting them with skill-sets that enable their adaptation to academia, research, and industry. The curriculum has been strategized to amalgamate core subject area knowledge with an engineering interface to augment professional development, promote entrepreneurship, and carve analytical and research acumen. 35 awarded and 46 currently enrolled PhDs, along with publications in international/national journals, and sponsored research projects totaling approximately INR-10 Crores from premier national funding agencies namely, the Department of Biotechnology (DBT), the Department of Science and Technology (DST), All India Council for Technical Education (AICTE), Indian Council for Medical Research (ICMR) and Department of AYUSH, Ministry of Environment, U.P. Council of Science and Technology (UPCST), reflect our department's crucial research emphasis.

Firm in the conviction that the motivation behind science is to be shared, the department actively

organizes periodic international and national conferences, workshops bringing to front most recent improvements in the field of biotechnology research. Results of these events are to provide a platform for our students to interact with researchers from the scholarly community and industry. Invited guest talks and regular alumni-meets help our students keep to date with the advancing field. Departmental faculty are also involved in coordinating co-curricular clubs such as Ribose, Ecoquence, Adwitya, Crescendo, Expressions, Jhankaar, and the Page turner society, with the intent for a wholistic development of our students.

Our graduates continue to secure positions in renowned national and international institutes for their pre-doctoral or doctoral studies. Our alumni connection spans over prestigious institutes like the University of Leeds (UK), University of Illinois (USA), Max Planck Institutes (Germany), Johns Hopkins University (USA), Georgia Tech (USA), Texas A&M University (USA), Keck Graduate Institute (USA), University of Manchester (UK), Pennsylvania State University (USA), Melbourne University (Australia), IIT, IIM, BHU, and JNU. While some of our students are successful entrepreneurs, the others have in the past been hired by Indian giants like Biocon, Panacea Biotech, Reddy labs, ZydusCadila, Ranbaxy, and Premas Biotech Ltd., with a placement record of 80% for the A.Y. 2019-20, apart from students furthering into academia. Our recent constitution of the Institution's Innovation Cell under the MHRD, India is aimed to motivate students to become entrepreneurs, to become leaders of the booming industry.

Department follows the code of ethics defined by the Institute. Department has IBSC Committee (Institutional Biosafety Committee) constituted under the auspices of Department of Biotechnology, Govt. of India, which meets regularly to generate awareness and monitor compliance of bio-safety aspects and regulations. IEC (Institutional Ethical committee), established as per ICMR guidelines ensures that the research involving human subjects/samples is conducted in code of ethics.

➤ Facilities Including Labs

The Department of Biotechnology at Jaypee Institute of Information technology, with its mission to equip the students with extraordinary skills to meet the growing need of Biotechnology and bioinformatics, possesses modern infrastructure in terms of Tissue Culture Labs, Microbiology, Central Instrumentation facility, Computational Biology, Biochemical Techniques and Molecular Biology. Our labs are equipped with state of the art instruments which are continuously upgraded to improve the research facilities for our students, with the purpose carve a niche on the national biotech education map. The department has constantly maintained its ranking at top positions in biotechnology departments for education quality and research infrastructure amongst private institutions offering Biotech courses, in India. A recent expansion of our research laboratories to 3000 square feet, with designated M. Tech and Computational Laboratories, the department proudly hosts dedicated core facilities with high-end instruments and curricula like Functional Genomics lab, Plant and Animal Cell culture labs, Biochemistry lab, and eight specialized research laboratories under the Centre for Emerging Diseases, Transcriptome Lab, Novel Drug Delivery Systems Lab, and Nano-Biotechnology Lab to undertake research in priority areas of biotechnology with emphasis on applied research. Some equipment in our dedicated lab facilities include gel documentation systems, CO₂ Incubator, -86o C Refrigerator, ELISA plate readers, centrifuges, Tissue sonicator, Tissue homogenizer, Gradient Thermal Cyclers, MiliQ and distilled water dispensers, Inverted Phase Contrast Microscope, lyophilizer, PCR, Ice Flaking Machine, UV-VIS Spectrophotometer (single and double beam), Refrigerated Centrifuge, Metabolic Shakers, Electrophoresis systems (vertical and horizontal), HPLC, Shaker Water Baths, Media Filtration systems, Plant Growth Chambers, Fermenter, and many more. All our laboratories are compliant with the bio-safety norms and provide necessary

equipments for biochemical, microbiological, cell culture and molecular techniques such as protein expression and purification, electrophoresis studies, immuno-technology studies, DNA/RNA isolation, molecular cloning methodologies, PCR, functional genomics applications, and bioinformatics software applications that constitute the methodological repertoire of biotechnology research.

A budget is dedicated for the upgradation of instruments to ensure high-end research facilities and cutting edge laboratories. In the past academic year, our department successfully set up a new specialized lab on Bioremediation. The lab was supported with extramural grant received from Department of AYUSH and Ministry of Environment, Govt of India, and is equipped with several basic instruments and some high end instruments like the Microwave Assisted Digestion System (Nutechanalytical Technologies Pvt. Ltd.).

Important additions made in Labs

Lab	Instruments
Central Instrumentation Lab	Analytical Balance Touch Screen, Capacity: 220g, (MAB220T)
	Water Bath With Digital (15 ltrs Digital)
	Laminar Air Flow
	Ph Meter (LMPH-10)
	Magnetic Stirrer 2 liter - 2MLH
	Cooling Micro Centrifuges -CM-12 Plus
	ROTER 2ML AND 1.5ML ROTHER (Free part of Cooling Micro Centrifuge)
	Multiskan Sky Spectrophotometer
	Microscope Binocular Objective: 4x,10x,40x,100x
	Microscope Binocular Objective: 4x,10x,40x,100x
	Microscope Binocular Objective: 4x,10x,40x,100x
	Gel Rocker (rocking Shaker) Make BRGR-100
	Deep Freezer Make EFS-345 (-20)
Refrigerator Samsung 551 Lit FF C551 L (RT56K6378SL)	

➤ Faculty activities:

(a) Workshop, Seminars, Symposiums, Conferences:

National

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
1.	01-08-2019 to 03-08-2019	International Conference on Recent Trends in Biotechnology and Bioinformatics ICBAB - 2019	04 Faculty Participated, Organized by JUIT Waknaghat
2	27-11-2019 to 29-11-2019	International Conference on Nanomaterials Driven Advances in Chemical and Biosensors (NanoSe 2019)	01 Faculty Participated, Organized by Algappa University, Tiruchirapulli.

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
3	11-01-2020 to 12-01-2020	International Conference on Current Perspectives of Biochemistry in Health and Diseases, Centre of Advanced Study, Department of Zoology, Institute of Science	02 Faculty Participated, Organized by Banaras Hindu University (BHU), Varanasi, India.
4	23-01-2020 to 24-01-2020	International Summit on Women in STEM- "Visualizing the Future: New Skylines"	01 Faculty Participated, Organized by Department of Biotechnology, Govt. of India.
5	30-01-2020 to 01-02-2020	International Conference on Advances in Biosciences and Biotechnology - 2020 (ICABB-2020) on OMICS in Human Health and Disease	All Biotech department faculty and external faculty members Organized by Department of Biotechnology, JIIT, Noida

National

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
1.	01-07-2019 to 06-07-2019	Faculty Development Program on recent trends in industrial biotechnology.	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
2.	22-07-2019	Invited talk on "Fecal Source Tracking in Environmental Waters: From Bacterial Indicators to Human Mitochondrial DNA	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
3.	27-07-2019 to 28-07-2019	Seminar on "Ethical Issues in Research"	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
4.	20-08-2019	Seminar on "Opportunities in an Aging Society: Studying Gerontology at the University of Southern California.	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
5.	07-10-2019	Guest Lecture on Mahatma Gandhi and Clean India: Environmental Pollution and Solid Waste Management Compliances.	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
6.	12-10-2019	Guest lecture entitled "Stress and Anger management" by Dr Ravinder Singh, a senior scientist at Indian Council of Medical Research (ICMR)	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
7.	16-10-2019	Workshop on "Yoga in Daily Life" organized by Capability Enhancement and Development Cell in association with "Yoga and Health Hub" of Jaypee Institute of Information Technology, Noida	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
8.	14-11- 2019	Guest lecture on “ Generation Pertusis vaccines: How do we get there?” by Dr Parul Kapil, Scientist at Office of Vaccine Research and Review, US-FDA.	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
9.	15-11-2019	Guest lecture on Medical Writing and Biotechnology – Exploring Career Opportunities by Dr. Mamta Chawla director of Program Delivery Development Operations at Kinapse, a Syneos Health Company	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
10.	21-11-2019	INDUSTRY-ACADEMIA MEET By 1. Dr. P. Sahai, Head and Founder of GenPro Biotech Pvt Ltd, New Delhi. 2. Mr. Mayank Raj Bhardwaj – Chief Executive Officer & Founder, Rupture Biotechnology.	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
11.	29-11-2019 to 30-11-2019	Workshop on IPR and Patenting in India	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
12.	19-12-2019 to 21-12-2019	National Conference on Nano/Bio-Technology	01 Faculty Participated, Organized by JNU, New Delhi
13.	21-01-2020 to 23-01-2020	Conference on Translational (Engineering) and Regenerative Medicine	01 Faculty Participated, Organized by Noida International University, Noida.
14.	04-02-2020	Molecular advances in thrombo-inflammatory mechanism at the placenta” by Dr. Shrey Kohli, University of Leipzig, Germany.	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
15	05-03-2020	National Workshop on Intellectual Property Rights	01 Faculty Participated, Organized by Gautam Buddha University, Greater Noida
16.	25-04-2020	Webinar on “Genomics for Covid-19: Key to 8. Combat Pandemic”	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
17.	20-06-2020	Session on “Cell in Situ Zymography Let’s Catch the Enzyme in Action”	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
18.	24-06-2020	Session on “Microfluidics based cell culture under flow”.	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
19.	25-06-2020	Session on “Stem Cell Culture: Best Practices, Protocols, Procedures and Precautions.	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
20.	27-06-2020	Webinar on "Carve Your Own Path: Focus on Higher Studies".	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida

(b) Departmental initiatives - Guest Speakers, Seminars, Talks, Workshops and Conferences
International

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
1.	30-01-2020 to 01-02-2020	International Conference on Advances in Biosciences and Biotechnology - 2020 (ICABB-2020) on OMICS in Human Health and Disease	All Biotech department faculty and external faculty members Organized by Department of Biotechnology, JIIT, Noida

National

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
1.	01-07-2019 to 06-07-2019	Faculty Development Program on recent trends in industrial biotechnology.	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
2	22-07-2019	Invited talk on "Fecal Source Tracking in Environmental Waters: From Bacterial Indicators to Human Mitochondrial DNA	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
3	27-07-2019 to 28-07-2019	Seminar on "Ethical Issues in Research"	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
4	20-08-2019	Seminar on "Opportunities in an Aging Society: Studying Gerontology at the University of Southern California.	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
5.	07-10-2019	Guest Lecture on Mahatma Gandhi and Clean India: Environmental Pollution and Solid Waste Management Compliances.	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
6.	12-10-2019	Guest lecture entitled "Stress and Anger management" by Dr Ravinder Singh, a senior scientist at Indian Council of Medical Research (ICMR)	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
7.	15-11-2019	Guest lecture on Medical Writing and Biotechnology – Exploring Career Opportunities by Dr. Mamta Chawla director of Program Delivery Development Operations at Kinapse, a Syneos Health Company	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
8	21-11-2019	INDUSTRY-ACADEMIA MEET By 1. Dr. P. Sahai, Head and Founder of GenPro Biotech Pvt Ltd, New Delhi. 2. Mr. Mayank Raj Bhardwaj – Chief Executive Officer & Founder, Rupture Biotechnology.	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
9	16-11-2019	Workshop on “Yoga in Daily Life” organized by Capability Enhancement and Development Cell in association with “Yoga and Health Hub” of Jaypee Institute of Information Technology, Noida	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
10.	14-11-2019	Guest lecture on “ Generation Pertusis vaccines: How do we get there?” by Dr Parul Kapil, Scientist at Office of Vaccine Research and Review, US-FDA.	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
11.	29-11-2019 to 30-11-2019	Workshop on IPR and Patenting in India	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
12.	04-02-2020	Molecular advances in thrombo-inflammatory mechanism at the placenta” by Dr. Shrey Kohli, University of Leipzig, Germany.	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
13.	25-04-2020	Webinar on “Genomics for Covid-19: Key to 8. Combat Pandemic”	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
14.	20-06-2020	Session on “Cell in Situ Zymography Let’s Catch the Enzyme in Action”	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
15.	24-06-2020	Session on “Microfluidics based cell culture under flow”.	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
16.	25-06-2020	Session on “Stem Cell Culture: Best Practices, Protocols, Procedures and Precautions.	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida
17.	27-06-2020	Webinar on “Carve Your Own Path: Focus on Higher Studies”.	All Biotech department faculty Organized by Department of Biotechnology, JIIT, Noida

(c) Visit of Dignitaries.

Department of Biotechnology has organised Conference, Workshops and invited lectures by experts from reputed National, International organizations and Industry including: CDRI CSIR, NPL CSIR, BHU Varanasi, JNU, CCMB, CSIR, RLBCAU, Jhansi, Alabama University USA, IGIB, DU, JamiaHamdard, AIIMS New Delhi etc. The workshops and expert lectures provided an intellectual platform for students to interact with the speakers of eminence and get abreast with the emerging technologies.

S. No.	Date	Expert Lectures	External Expert(s)
1.	01-07-2019	Quality Attributes of Recombinant Products	Dr. Charu Mehra Kamal
2.	02-07-2019	Disruption in the Food Industry because of Organic and role of biotechnology	Mr. Pankaj Agarwal
3.	03-07-2019	Amino acids research: past present and future	Professor Jai Gopal Sharma
4.	04-07-2019	Recent advancements in the field of Molecular & Cell Analysis – upcoming technologies for cutting edge Research from Thermo Fisher Scientific	Ms. Vinita Hasrajani
5.	05-07-2019	Role of the Gut Microbiota and Probiotics in Human Health	Dr. Neerja Hajela
6.	06-07-2019	Microalgal Cell Factories - The Fourth Dimension in Industrial Biotechnology	Dr. Pavan Jutur
7.	22-07-2019	Fecal Source Tracking in Environmental Waters: From Bacterial Indicators to Human Mitochondrial DNA	Dr. Vikram Kapoor
8.	27-07-2019	Big Data Research Ethics	Prof. T.V. Vijay Kumar
9.	27-07-2019	The Ethics of Animal Research	Dr. Shikha Yadav
10.	27-07-2019	Ethics in Medical Research	Dr. Dalim Kumar Baidya
11.	28-07-2019	Research Problems in Indian Language OCR	Mr. Tushar Patnaik
12.	28-07-2019	Ethical concern in Stem Cell Research	Dr. Manjusha Rani
13.	20-08-2019	Opportunities in an Aging Society: Studying Gerontology at the University of Southern California	Mr Steven Stump
14.	29-11-2019	Nature of IP Rights - Best Practices on Filings and Registrations and Infringement, Piracy, Plagiarism-Enforcement of IP Rights	Mr. Gaurav Gogia
15.	29-11-2019	Impact of different Patent Governance System on Patenting Approach in India vs US- Case Study	Mr. Amit Bansal
16.	30-11-2019	The Evolving IPR Regime	Prof. Indira. P. Sarethy
17.	30-11-2019	Intellectual Property Searches for invention: Protection and Beyond and Hands on Session-Patent Searching	Ms. Shubhani Chokra

S. No.	Date	Expert Lectures	External Expert(s)
18.	30-01-2020	Mitochondria as reversible regulators of skin wrinkles and hair loss in mice	Prof. Keshav Singh
19.	30-01-2020	One dimensional nanostructure for biosensing	Prof. Christelle Prinz
20.	30-01-2020	Nanostructure-assisted particle delivery into living cells	Dr. Elke Hebisch
21.	30-01-2020	Ayurvedic Biology – the path for integration of modern and traditional health sciences	Prof S. C. Lakhotia
22.	30-01-2020	The chronicle of Indian subcontinent: genomic perspectives	Dr. K Thangaraj
23.	30-01-2020	Graphene oxide-Chloroquine (GO-Chl) induced autophagy mediated necroptotic cell death in A549 lung cancer cell line	Dr. S. P. Singh
24.	31-01-2020	Data driven approaches for deciphering chemical structures of novel natural products by genome mining -	Prof. Debasis Mohanty
25.	31-01-2020	Clinical implications of microRNA in Cancer: HCC model -	Dr. Baibaswata Nayak
26.	31-01-2020	Sperm: Not just a DNA vehicle–	Dr. Rajender Singh
27.	31-01-2020	Genetic architecture of Himalayan populations -	Prof. Gyaneshwar Choubey
28.	31-01-2020	Sustainable nitrogen management and biotechnological approach to improve nitrogen use efficiency.	Prof. N. Raghuram
29.	31-01-2020	Nano-Agriculture for Ensuring Nutritional Security and rainbow revolution via Integrated Nutrients Management–	Prof. Anil Kumar Gupta
30.	01-02-2020	Biocatalysis, diverse examples of industrial applications	Dr. Mohammad Takwa
31.	01-02-2020	Application of Genome Mining in Human Healthcare	Dr. G. P. S. Raghav
32.	01-02-2020	Functional Genomic Screen using CRISPR/ Cas9 based genome editing from Thermo Fisher Scientific	Dr. Ajay Kumar
33.	20-06-2020	Cell in situ Zymography	Dr. Aastha Chhabra
34.	24-06-2020	Microfluidics and cell culture under flow	Dr. Shrey Kohli
35.	25-06-2020	Stem Cell Culture: Best Practices, Protocols, Procedures and Precautions	Dr. Aditi Jain
36.	27-06-2020	Carve Your Own Path - Focus on Higher Studies	Ms. Astha Jaiswal

S. No.	Date	Expert Lectures	External Expert(s)
37.	27-06-2020	Carve Your Own Path - Focus on Higher Studies	Mr. Shivesh Ghura
38.	27-06-2020	Carve Your Own Path - Focus on Higher Studies	Mr. Sahil Dargan
39.	27-06-2020	Carve Your Own Path - Focus on Higher Studies	Ms. Nidhi Jadon
40.	06-07-2020	An overview of Next Generation Sequencing technology and single cell applications	Dr Nitya Nand Sharma
41.	07-07-2020	Career Perspectives: Transitioning from Academia to Industry	Dr Anusha Krishnan

➤ **Honors and Awards.**

Faculty

Sr. No.	Date	Faculty/Awards
1.	07-09-2019	Dr Rachana/Golden Global Award for Health and Education for Outstanding contribution in the field of Biotechnology, from Bellemie, at Islamic Cultural Centre New Delhi, India, IDMA approved Embioic Laboratories Ltd. and Sarva Rithu Seva
2.	December 2019	Dr Shweta Dang, Prof Reema Gabrani and Ms Atinderpal Kaur (PhD student)/ Prof. M.L. Khorana IJPS Best paper award in field of: Pharmaceutics and Biopharmaceutics, December 2019 (cash prize of 10,000 INR and a trophy with certificate by Indian Pharmaceutical Association)

Students

S. No	Name of Event	Winners	Position	College
1.	Pharmaceutics and Biopharmaceutics by Indian Pharmaceutical Association	Ms Atinderpal Kaur	Best Paper award	Indian Pharmaceutical Association
2.	International Conference on Advances in Biosciences & Biotechnology, held during 30th Jan -1st Feb 2020	Megha Gautam	2nd position in poster presentation	JIIT, NOIDA
3.	International Conference on Advances in Biosciences & Biotechnology, held during 30th Jan -1st Feb 2020	Divyanshi Jain	1st Position in poster presentation	JIIT, NOIDA
4.	International Conference on Advances in Biosciences & Biotechnology, held during 30th Jan -1st Feb 2020	Kanishka Aggarwal	2nd position in poster presentation	JIIT, NOIDA

S. No	Name of Event	Winners	Position	College
5.	International Conference on Advances in Biosciences & Biotechnology, held during 30th Jan -1st Feb 2020	Radhika Bansal	3rd Position in Poster Presentation	JIIT, NOIDA
6.	International Conference on Advances in Biosciences & Biotechnology, held during 30th Jan -1st Feb 2020	Aakanksha Aggarwal	2nd Position in Poster Presentation	JIIT, NOIDA
7.	International Conference on Advances in Biosciences & Biotechnology, held during 30th Jan -1st Feb 2020	Aarushi Saxena	2nd Position in Oral Presentation	JIIT, NOIDA
8.	International Conference on Advances in Biosciences & Biotechnology, held during 30th Jan -1st Feb 2020	Shilpa Gundagatti	2nd Position in poster Presentation	JIIT, NOIDA
9.	A MOBLILEX fellowship for M. Tech final semester dissertation by Université Lille, France, held during 30th Jan -1st Feb 2020	Mr. Shubham Semwal	A MOBLILEX fellowship (€ 650/ per month)	Université Lille, France
10.	International Conference on Advances in Biosciences & Biotechnology, held during 30th Jan -1st Feb 2020	Yashi Srivastava	2nd position in poster presentation	JIIT, NOIDA
11.	International Conference on Advances in Biosciences & Biotechnology, held during 30th Jan -1st Feb 2020	Jasveen Bhasin	2nd position in poster presentation	JIIT, NOIDA
12.	International Conference on Advances in Biosciences & Biotechnology, held during 30th Jan -1st Feb 2020	Jatin Aggarwal	1st position in poster presentation	JIIT, NOIDA
13.	International Conference on Advances in Biosciences & Biotechnology, held during 30th Jan -1st Feb 2020	Sakshi Tyagi	1st position in poster presentation	JIIT, NOIDA
14.	International Conference on Advances in Biosciences & Biotechnology, held during 30th Jan -1st Feb 2020	Aman Jain	1st position in poster presentation	JIIT, NOIDA
15.	International Conference on Advances in Biosciences & Biotechnology, held during 30th Jan -1st Feb 2020	Antra Gaur	3rd position in poster presentation	JIIT, NOIDA

S. No	Name of Event	Winners	Position	College
16.	International Conference on Advances in Biosciences & Biotechnology, held during 30th Jan -1st Feb 2020	Ishta Kaul	3rd position in poster presentation	JIIT, NOIDA
17.	International Conference on Advances in Biosciences & Biotechnology, held during 30th Jan -1st Feb 2020	Ria Singh	1st position in poster presentation	JIIT, NOIDA

➤ Other Achievements

Sponsored Research Projects

Completed Projects (Total Grant: 34.1 Lacs)

Identification of cellular targets of Chikungunya virus non-structural proteins. PI: Prof. Sanjay Gupta/ Prof. Reema Gabrani, ICMR, 34.1, Completed in 2019.

Ongoing Projects:

Faculty as PI (Total Grant: 264.44 Lacs)

- Investigating microRNAs as the Next Generation Therapeutic Targets in Diabetic Cardiomyopathy, DST, Duration: 2018-2020, Grant value: 40 lacs, PI: DrVibha Rani.
- Application of customized PGPM based formulations for reclamation of soil permeated with Organophosphate pesticide residues, DBT, Duration: 2017-20, Grant value: 62.10lacs, PI: Prof. S. Krishna Sundari/ Prof. Sudha Srivastava
- Evaluation of the heavy metals content in market samples of plant raw drugs used in Ayurveda, AYUSH, Duration: 2018-2021, Grant value: 41.1lacs, PI: Prof. Pammi Gauba
- Potentially novel carbohydrases (cellulose and related enzymes) for waste management from functional metagenomics library of North East India biodiversity hot spot, DBT, Duration: 2017-2020, Grant value: 22.21 lacs, PI: Prof. Indira P. Sarethy/ Prof. Sanjay Gupta/ Dr. Hari Prasanna Deka Boruah (CSIR-NEIST).
- Developing Functional bacterial cellulose composites as immobilization matrix, CST-UP, Duration: 2019-2021, Grant value: 6.8 lacs, PI: Dr. Garima Mathur/Prof. Pammi Gauba.
- Targeting biofilm formation by inhibiting Cysteine biosynthesis pathway enzymes in ESKAPE pathogens with natural products, DST, Duration: 2020-2023 (Approved on 31/3/2020), Grant value: 42.30 lacs, PI: Dr. Vibha Gupta/ DrPrernaDiwan/Dr. Rakesh Kumar Gupta.
- Exploring efficacy of plants and microbes for remediation of E-Waste Contaminated Soil. Ministry of Forest and Environment, PI: Prof. Pammi Gauba, Co-PI Dr. Shweta Dang. Grant Value: Rs 47.93 lacs. Duration: 2020-2023.

Faculty as mentor (Sponsored Fellowship/Special Scheme Projects) (Total Grant 279.682 Lacs)

- Development PLGA nanoparticles loaded with donepezil and memantine for brain drug delivery through nasal route in Alzheimer's disease, BioCARE -DBT, Duration: 2017-2020, Amount: 26 lacs, PI: Ms. Atinderpal Kaur and Mentor: Dr. Shweta Dang.
- Bioprospection of microorganisms from selected niche habitats (soil/rock) for antimicrobial

- products., ICMR, Duration: 2014-2019, Amount: 21.67 lacs, PI: Mrs. NidhiSrivastava Mentor: Dr. Indira P Sarethy.
3. Analysis of host interactos of Chikungunya virus non structural Protein 1, CSIR-SRF, Duration: 2019-2021, Amount: 7.12 lacs, PI: PI: Ms. RituGhildiyal Mentor: Prof..Reema Gabrani.
 4. Identification of peptide/protein binders of Chikungunya Virus., DST- Inspire, Duration: 2015-2019, Amount: 21.9 lacs, PI: Ms. Garima Agarwal Mentor: Prof. Sanjay Gupta.
 5. Structure, function and inhibition of isocitratelases of Mycobacterium tuberculosis., DST – Inspire Duration: 2016-2021, Amount: 21.9, PI: Ms. Monika Mentor: Dr.Vibha Gupta
 6. Fabrication of nanotechnology based point- of-care device for thyroid disease diagnosis., DST - Inspire, Duration: 2016-2021, Amount: 21.9lacs, PI: Rahul Mentor: Prof. Sudha Srivastava
 7. Nanotechnology based vaccine development against Hepatitis E virus. CSIR-SRF, Duration: 2015-2020, Amount: 21.9lacs, PI: Dibya Rani Mentor: Prof. Sudha Srivastava
 8. Genomics of diverse Wolbachia species in Indian Drosophila and to study host-symbiont interactions, CSIR-SRF, Duration: 2017-2021, Amount: 16.81 lacs, JRF-KopalMentor: Prof Sujata Mohanty
 9. Development PLGA nanoparticles loaded with donepezil and memantine for brain drug delivery through nasal route in Alzheimer’s disease, CSIR- JRF, Duration: 2017-2020, Amount: 9.1 lacs, PI: Ms. Atinderpal Kaur and Mentor: Dr. Shweta Dang.
 10. Investigating microRNAs and Matrix metalloproteinasesastherapeutic target in glucose induced cardiac stress, CSIR-SRF, Duration: 2018-2020, Amount: 9.1 lacs, SRF: Sharad SaxenaMentor: Prof. Vibha Rani
 11. Cardioprotective Effects Of Curcumin Against Drug Induced Toxicity, CSIR--SRF, Duration: 2018-2020, Amount: 9.1 lacs, SRF: Aditi JainMentor: Prof..Vibha Rani
 12. Ayurvedic herbal formulations in modulating gut microbiota which is associated with diabetic cardiomyopathy, DST-INSPIRE, Duration: 2019-2024, Amount: 24.24lacs, PI:ShivaniSinghal Mentor: Prof. Vibha Rani
 13. Syziumcumini polyphenols in drug induced cytotoxicity, CSIR, Duration: 2019-24, Amount: 24.24 lacs, PI: PI: RenuBhadana Mentor: Prof. Vibha Rani
 14. Designing an alternative cancer therapy by study of anticancerous herbs for their potential mitocan activity, NFST (Ministry of Tribal affairs), Duration: 2018-23, Amount: 22.082 lacs, PI: Geeta Swargiary Mentor: Dr. Shalini Mani
 15. To develop a millet-based fermented food product and assessment of its nutritional and functional properties, DBT, Duration: 2019-2024, Amount: 24.60 lacs, PI: JRF: Rishibha GuptaMentor: Dr. Smriti Gaur

DEPARTMENT EVENTS PHOTOGRAPHS



FDP, 2019



Seminar on Ethics in Research, July 2019



Workshop on “IPR and Patenting in India” (29-11-2019 to 30-11-2019)

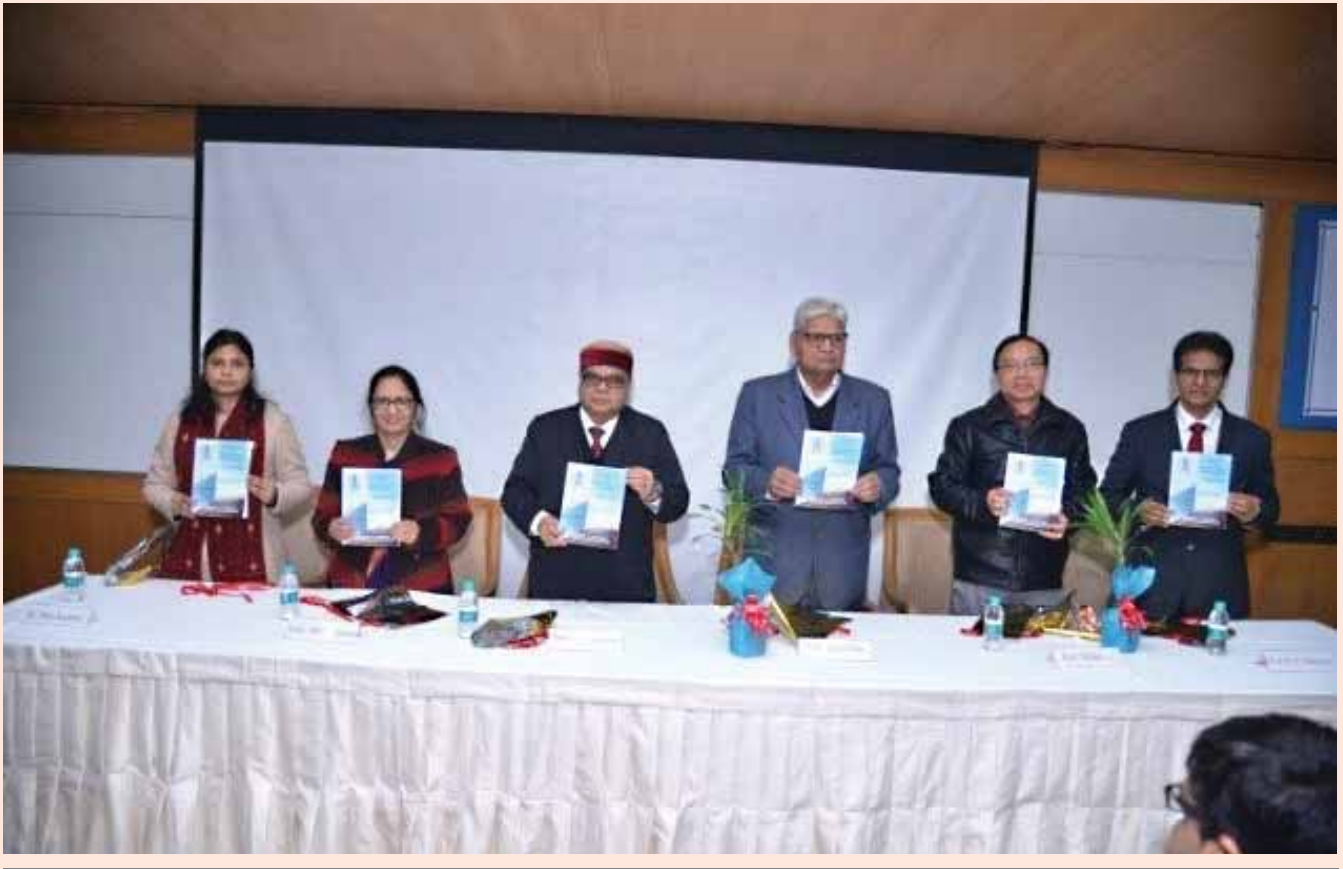


Workshop on “IPR and Patenting in India” (29-11-2019 to 30-11-2019)



Seminar on Genomics for Covid-19: Key to Combat Pandemic, 25 April 2020

Department of Mathematics



The vision of the Department of Mathematics is to be a centre of excellence in teaching and research in basic and applied areas of Mathematics. While its mission is to offer academic programmes and courses in contemporary and emerging areas of Mathematics and its applications for the development of analytical and problem-solving skills, to carry out quality research in emerging areas of Pure and Applied Mathematics, and to foster interaction with national and international institutions for enrichment, application and dissemination of knowledge in diverse areas of Mathematics. The Department of Mathematics was created from the very inception of the JIIT and it has a team of highly qualified, dedicated and sincere faculty members. The Department offers M. Sc. (Mathematics) and Ph. D. Program besides offering a comprehensive set of curricula in its disciplines, from value added courses to the courses offered to the doctoral program. There are more than 60 courses taught at graduate, post graduate and research levels catering to the basic needs of the various B. Tech. / M. Tech. / Ph. D. programs of the Institute.

The Department has a strong fervour towards research and development from the very beginning. In their pursuit for research, the Faculty members have covered a vast area such as Fuzzy Topology, Numerical Solutions of PDEs, Hydrodynamic Stability, Fixed Point Theory, Computational Continuum Mechanics, Computational Fluid Dynamics, Information & Coding Theory, Soft Computing, Numerical Methods, Exact Solutions & Symmetries for Nonlinear Systems, Image Processing, Queueing Theory, Approximation Theory and so on. The entire teaching faculty is actively engaged in research in their respective fields and a significant number of research papers are being published every year in the various Journals of repute.

The role and usage of mathematics have increased in the present era 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. So, a number of new courses (core as well as elective) have been designed and introduced at graduate and post graduate levels. The field of mathematics however is constantly evolving to the ever changing need and challenges of its practitioners. Therefore, we also need to update ourselves continuously through various activities such as research work, workshops, faculty development programs, guest lectures and conferences. The Department successfully organises international conferences, FDPs and other workshops with partial funding from the reputed agencies like CSIR, DST and DRDO.

➤ Faculty activities

(a) Workshops, Seminars, Symposiums, Conferences

National

S. No.	Date	Name Of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
1.	10-08-19	ARIIA 2020 Orientation Session	Prof. Sanjeev Sharma, Ministry of Education, Delhi
2.	10-08-19 to 12-08-19	"Tech4Seva", a three-day national workshop on "Technology outreach as an enabler for Inclusive & sustainable development"	Prof. Sanjeev Sharma, IIT Delhi
3.	11-08-19	Expert talk on "Numerical Solution of PDE using B Spline"	Prof. R. C. Mittal, Ch. Charan Singh University Meerut
4.	14-08-19	Third-Semester Summer Internship Viva of M.Sc Applied Mathematics	Dr. Amit Srivastava, Amity Institute of Applied Sciences, Noida (External Examiner for conduct of Viva)
5.	11-09-19	First annual innovation festival of MHRD's Innovation Cell	Prof. Sanjeev Sharma, AICTE Headquarters, New Delhi
6.	12-10- 19	Expert talk on "Roots of a Cubic Equation"	Prof. R. C. Mittal, Manipal Institute of Technology, Manipal University Manipal
7.	05-11-19	Expert talk on "Sparse System of Linear Equations and their solutions" RAFAS 2019	Prof. R. C. Mittal, Lovely University Phagwara
8.	08-01-20 to 14-01- 20	Faculty Development Programme (FDP) on "Mathematical Computational Skills: A Practical Approach"	Dr. Puneet Rana, Department of Mathematics, Panjab University
9.	13-11-19	Expert lecture on the topic of "Statistical Inference and Regression Analysis"	Prof. Alka Tripathi, J.C. Bose University of Science and technology, YMCA
10.	28-01-20 to 29-01-20	Workshop on "Mathematical Modelling and Simulation"	Dr. Himanshu Agarwal, J.C. Bose University of Science and technology, YMCA

S. No.	Date	Name Of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
11.	24-02-20 to 28-02- 20	Short Term Training Programme on "Advanced Computational Techniques in Engineering Sciences"	Dr. Puneet Rana, Department of Mathematics, NIT Uttarakhand, Srinagar (Garhwal)
12.	23-04-20 to 25-04- 20	Online Multi Criteria Decision Making Workshop (MCDM)"	Dr. Mohd. Sarfaraz, REST Society for Research International (RSRI), Krishnagiri, Tamil Nadu, India
13.	04-05-20 to 08-05- 20	Five days workshop cum faculty development program on "Data Sciences"	Dr. Puneet Rana, KNIT Sultanpur and MNNIT Allahabad
14.	04-05-20 to 08-05- 20	Five days workshop cum faculty development program on "Data Sciences"	Dr. Amita Bhagat, KNIT Sultanpur and MNNIT Allahabad
15.	04-05-20 to 08-05- 20	Five days workshop cum faculty development program on "Data Sciences"	Dr. Neha Singhal, KNIT Sultanpur and MNNIT Allahabad
16.	26-05-20 to 29-05-20	Four Day National Webinar on "Role of Computing Technology in Human Lives with CORONA Virus: Challenges and Prevention"	Prof. Bhagwati Prasad Chamola, Commission for Scientific and Technical Terminology, MHRD, Govt. of India, India and UPES Dehradun
17.	03-06-20	FDP on "Recent Trends in Research-Special Reference to Data Analytics, IoT and Communication Information Theory"	Dr. Amit Srivastava, Amity Institute of Information Technology, Noida
18.	12-06-20 to 16-06- 20	Five days "SCRS Lecture Series on Soft Computing"	Dr. Pinkey Chauhan, Soft Computing Research Society, Delhi, India.
19.	25-06-20 to 29-06-20	Short Term Course on "Essential Tools in Optimization"	Dr. Anuj Bhardwaj, Dr. B.R. Ambedkar National Institute of Technology Jalandhar
20.	25-06-20 to 29-06-20	Short Term Course on "Essential Tools in Optimization"	Dr. Neha Singhal, Dr. B.R. Ambedkar National Institute of Technology Jalandhar

International

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By	Details of event
1.	27-09-19 to 29-09-19	Fourth International Conference on Computer Vision & Image Processing	Dr. Himanshu Agarwal, MNIT Jaipur	Member, Technical Program Committee International Conference

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By	Details of event
2.	12-12-19 to 13-12-19	The International Conference on Multidisciplinary Research to Create Future Prospect (MRCFP), SRU International Conference 2019	Dr. Yogesh Gupta, Suratthani Rajabhat University, Suratthani, Thailand	International Conference Participation and paper presentation
3.	14-12-19 to 16-12-19	International Conference on Mathematical Analysis and its Applications (ICMAA-2019)	Prof. Bhagwati Prasad Chamola, South Asian University, New Delhi	International Conference Invited talk on "Contraction Maps: Its Multifaceted Generalizations and Applications"
4.	21-02-20 to 23-02-20	1st International Conference on Mathematical Modeling, Computational Intelligence Techniques and Renewable Energy (MMCITRE 2020)	Prof. Sanjeev Sharma, Pandit Deendayal Petroleum University, Gandhinagar, Gujarat	International Conference Delivered a Keynote lecture on "Stress-Strain Relations for Materials"
5.	27-06- 20	"International e-Conference on Fixed Point Theory and its Applications to Real World Problems"	Prof. Bhagwati Prasad Chamola, Department of Mathematics Government Post Graduate College, Raipur Dehradun (Uttarakhand), India	International Conference Delivered an invited talk on "Some of the Variants of Contraction Maps and their Applications"

(b) Conferences /Workshops / Faculty Development Programs Organized

National

S. No.	Date	Name Of Conference/ Workshop/ Seminar Organized	Total Faculty Participated & Organized By
1.	01-07-19 to 06-07-19	Faculty Development Program on Optimization Techniques and Applications	27 Faculty Participated, Department of Mathematics, Jaypee Institute of Information Technology, Noida
2.	31-08-19 to 01-09-19	Mini Symposium on Analytic Number Theory and its Applications in Cryptography/ Computing: A tribute to S. Ramanujan	44 Faculty Participated, Department of Mathematics, Jaypee Institute of Information Technology, Noida

International

S. No.	Date	Name Of Conference/ Workshop/ Seminar Organized	Total Faculty Participated & Organized By
1.	09-01-20 to 11-01-20	4th International Conference on Recent Advances in Mathematical Sciences and its Applications (RAMSA-2020)	91 Faculty Participated, Department of Mathematics, Jaypee Institute of Information Technology, Noida

(c) Departmental initiatives - Guest Speakers/Seminars/Webinars/Talks/Workshops/ Conferences.

S. No.	Date	Expert Lectures	External Expert(S)
1.	24-01-20	Expert talk on the topic "Exploratory Data Analysis (EDA) using R Software"	Dr. Gaurav Gupta, Departmental Chair, Wenzhou-Kean University, China.
2.	03-03-20	Expert talk on the topic "Applications of Remote Sensing in Innovation and Technology"	Dr. Manika Gupta, Department of Geology, University of Delhi, India.
3.	05-03-20	Expert talk on the topic "On Secure Domination related Parameters and their Properties"	Prof. Kiran R Bhutani, Department Chair and Professor in Department of Mathematics, The Catholic University of America, Washington, USA.
4.	12-05-20	Webinar on the topic "Regression Analysis and Its Applications in Machine Learning"	Dr. Mayank Sharma, Amity Institute of Information Technology, Amity University, 5. Noida, India.
5.	20-05-20	Webinar on the topic "Social Distancing in LOCKDOWN 4.0 to control Spread of COVID-19"	Prof. Dr. Nita H. Shah, HOD, Department of Mathematics, Gujarat University, India.
6.	05-06-20	Webinar on the topic "Swarm Intelligence: An intelligent way of problem solving"	Dr. Jagdish Chand Bansal, Associate Professor, Department of Mathematics, South Asian University, New Delhi, India.

DEPARTMENT EVENTS PHOTOGRAPHS



Department of Physics and Materials Science & Engineering



Department of Physics and Material Science and Engineering is trying hard to become one of the pioneer departments in the field of teaching and research in the fundamental as well as applied areas of Physics and Materials Science since its inception in 2001. At present, department is actively involved not only in teaching of various courses for the different UG and PG programs of engineering but also offers M.Tech program in Materials Science and Engineering and Ph.D. program in Physic and Materials Science and Engineering.

With a strong team of 24 faculty members having high academic and research credentials, the research endeavours of department cover diverse areas of theoretical and applied Physics which includes research areas of Nanoscience and Multifunctional Nanomaterials, Energy and Advanced Functional Materials, Atomic and Molecular Physics, Photonics and Plasmonics, Quantum Optics and Quantum Information, Optical Sensors, Vibrational Spectroscopy, Raman Spectroscopy, Solid State Ionics, Diluted Magnetic Semiconductors (Spintronics), Thermoelectric and Superconducting Materials and Laser Plasma Interaction. Currently, there are six ongoing research projects of worth Rs 389.08 Lac in the department funded by DST, DRDO, SERB, MODROB scheme by AICTE. In last few years, nine research projects of worth Rs. 183.85 Lac sanctioned by AICTE, DST, and DRDO have been completed successfully. Faculty members of the Department have been actively working with many leading universities/institutes in the world like: Palacky University, Czech Republic; University of Nebraska at Omaha, USA; University of New Brunswick, Canada; Adam Mickiewicz University, Poznan, Poland; RIKEN, Japan; University of Pittsburgh, USA; University of Malaya, Malaysia; Stuttgart University, Germany; CIICAP-Universidad Autonoma del Estado de Morelos, Mexico. Existing international collaborations have led to many exciting research output and externally funded projects which definitely enhance the academic ambience of the Department.

The department has well equipped curricular laboratories for UG and PG programs, research laboratories with modern research equipment's including several setups for materials synthesis, processing and an advanced materials characterization laboratory with sophisticated devices. The department has published more than 350 research papers in high impact international journals. The department is committed to uphold high standards of teaching and research. With the aim of enhanced interaction of the faculty with the global research community, department regularly organizes national/international workshops and conferences with active participation from all over the world. Faculty members as well as research scholars of the department enthusiastically participate in various academic and research activities held in India and abroad. Besides, the department organizes Faculty Development Program (FDP) every year and frequently invites external experts for delivering talks in the department. The faculty members regularly deliver talks at various reputed national and international institutes and prestigious national and international conferences.

The department has produced 28 Ph.D. scholars. M.Tech. and Ph.D. students graduated from the department have been successful in achieving faculty positions in reputed institutes and organizations and many of them have received prestigious international and national doctoral and post-doctoral fellowship such as Japanese Society for the Promotion of Science (JSPS, Japan), Kothari Fellowship (DST, India) and National Post-doctoral Fellowship (DST, India).

➤ **Facilities including Labs**

In order to facilitate curricula-based Physics experiments for B. Tech. students, department has two well equipped laboratories. Moreover, to conduct research on synthesis and characterization of materials, there are three advanced labs for M.Sc. and Ph.D. scholars of Physics and Materials Science & Engineering. These laboratories are equipped with many high-end facilities for PG and PhD students. Some important equipment/ research facilities are enlisted as follows:

Name of Equipment	Make
X-Ray diffractometer (Shimadzu-6000)	Shimadzu
FTIR spectrophotometer (Spectrum BX-II)	PerkinElmer
UV-VIS spectrophotometer (Lambda 35)	PerkinElmer
Luminescence spectrometer (LS-55)	PerkinElmer
Hioki LCR meter 3522-50	Hioki
Impedance Analyzer (PSM 1735)	Newtons4th Ltd
Impedance Analyzer (Alpha A-Tech)	Novo Control
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

Name of Equipment	Make
PE-loop measurement	Marine India
Micro processor controlled furnace with sample holder	Jupiter
Electromagnet HEM-200 (1.5 Tesla)	Polytronic Corporation
High Temp. muffle furnace	Jupiter
PVD System vacuum operated	Metrex
Workstation	Netweb Technologies
Abbe refractometer	Batra
Fiber optics spectrometer with accessories	Ocean optics
Optical table with accessories	Sandvic
Vibration free optical bench	Hallmarc
Essential optical elements for performing quantum cryptography	Thorlabs
Electron spin resonance spectrometer ESR-105	SES instruments
DSO, 50MHz, 2 channels, ETS 50 GSa/s, 32k memory depth & 7" TFT LCD (3 No.)	Scientific
Function generator 10 MHz (2 No.)	Scientific
Function generator 30 MHz arbitrary	Scientific

➤ **Faculty activities**

(a) Workshops, Seminars, Symposiums, Conferences

International

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
1	22-07-19 to 26-07-19	International Conference on Quantum & Nonlinear Optics (QNO-2019)	University of Malaya, Kuala Lumpur, Malaysia
2	24-02-20 to 29-02-20	VIII International Conference on Perspectives in Vibrational Spectroscopy (ICOPVS)- 2020	1 Faculty Participated JNCASR, Bangalore
3	27-02-20 to 29-02-20	International Conference on Advanced Nanomaterials (ICAN-2020)	1 Faculty Participated RAMA university Kanpur
4	01-05-20 to 02-05-20	Indo Brazilian e-Symposium on Solid State Properties of Pharmaceuticals -2020	1 Faculty Participated University of Lucknow and Federal University of Ceará.

National

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
1	16-08-19 to 17-09-19	National workshop on Photooptics	11 Faculty Participated IIIT Noida
2	04-09-19	Quantum Technology Opportunities and Challenges	1 Faculty Participated ISRO, Ahmedabad

S. No.	Date	Name of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
3	05-09-19	Quantum Tech - A Primer	1 Faculty Participated MCTE, Mhow
4	24-09-19	One-day seminar on Quantum mechanics and its applications	1 Faculty Participated Daulat Ram College, DU
5	03-10-19	A short tour to the world of quantum computing and communication	1 Faculty Participated DIAT Pune
6	22-11-19	National Consultative Meeting on Quantum Communication	1 Faculty Participated IISER, Mohali
7	26-11-2019	AI at your service	1 Faculty Participated Shriram Institute of Industrial Research
8	02-12-19	ISQIT 2019	1 Faculty Participated DIAT Pune
9	08-12-19 to 12-12-19	Quantum Information and Communication (QIC)	1 Faculty Participated IIT Jodhpur
10	27-12-19	Leveraging Quantum Key Distribution for Secure Joint Communications	1 Faculty Participated

(b) Conferences /Workshops / Faculty Development Programs Organized

International

S. No.	Date	Name Of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By	Details of Event
1	20-02-2020 to 22-02-2020	International Conference on Advanced Materials and Nanotechnology (AMN-2020)	68 Faculty Participated JIIT	<p>Number of papers received: 135 Number of papers accepted: 98</p> <p>Participants: Prof. O.N. Srivastava, Banaras Hindu University, Prof. Vikram Kumar IIT- Delhi, Prof. Sushil Auluck, NPL Delhi, Prof. Udo Schwingenschlößgl, KAUST, Saudi Arabia, Prof. S. Patnaik JNU, Delhi, Prof. D. Kumar, IIT- BHU, Varanasi, Prof. Matthias Batzill, USF, USA, Prof. Zakir Hossain, IIT-Kanpur, Prof A. K. Srivastava, CSIR-AMPRI Bhopal, Prof. A. K. Nigam, TIFR-Mumbai, Prof. S. K. Chaplot, BARC Mumbai, Prof. Rajeev Ranjan, IISC Bengaluru, Prof. K. L. Yadav, IIT Roorkee, Prof. Sanjay Puri, JNU, New Delhi, Prof. Binay Kumar, Delhi University,</p>

S. No.	Date	Name Of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By	Details of Event
				Prof. Vamsi K. IIT Delhi, Dr. Somnath C. Ray, IIT Madras, Dr. I. Aruna, University of Strathclyde, Scotland, Dr. Nirpendra Singh, Khalifa University, Abu Dhabhi, UAE, Dr. S. K. Srivastava, IISc Bangalore, Dr. Varol Intasanta, NSTDA, Thailand, Dr. S. K. Jaiswal, NIT Patna, Dr. Shubra Kala, H.N.B. University, Garhwal, Dr. S. S. Kushvaha, CSIR-NPL, New Delhi, Dr. Rajesh Kumar, IIT Indore, Dr. Manika Khanuja, JMI New Delhi, Dr. Shail Upadhayay, IIT BHU, Dr. C. R. Gautam, Lucknow University, Dr. S. K. Mishra, Quality Council of India, New Delhi, Dr. Mahesh Kumar, IIT Jodhpur, Dr. O. P. Thakur, SSPL-DRDO, New Delhi.

National

S. No.	Date	Name Of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By	Details of Event
1	01-07-19 to 06-07-19	Faculty Development Program (FDP) on "Synthesis and Characterization of Materials	25 Faculty Participated, Organized By JIIT	Twelve sessions were conducted during 6 days of this program, which were well received by internal as well as external participants. Nine speakers from reputed institutes like IIT Indore, IISc Bengaluru, CSIR-CGCRI Kolkata, JMI University, Delhi, GNDU Amritsar and PDU Gandhinagar, delivered expert lectures on synthesis of materials and their characterizations using various techniques, X-ray diffraction, Transmission electron microscopy, X-ray photoelectron spectroscopy, ultra-violet photoelectron spectroscopy, Raman spectroscopy, solar cell characterization and photo-catalytic characterization etc.

S. No.	Date	Name Of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By	Details of Event
2	16-08-19 to 17-08-19	National workshop on PHOTOPTICS	17 Faculty Participated, Organized By JIIT	Talks delivered by: 1. Prof. Chandra Shakher, Emeritus Professor at SeNSE (formerly IDDC), IIT Delhi, "Solar holography: a fresh look on the use of volume phase transmission holographic lenses for photovoltaic concentrator applications" 2. Dr. Nimish Dixit, Scientis F, IRDE, Dehradun, UA, "Tera Hertz frequency generation and applications" 3. Dr. Anil K. Razdan, Scientist-G and Associate Director, LASTEC, DRDO, Delhi. "Lasers and Application" 4. Prof. Anirban Pathak, JIIT, Noida "Quantum Optics Can make You crazy"
3	27-09-19 to 28-09-19	Two Days Workshop on Cryogenics and Superconductivity	35 Faculty Participated, Organized By JIIT & Quantum Design USA	Experts from fields like; Cryogenic refrigeration & Liquefaction, Cryogenic Instrumentation, Space Cryogenics, Superconducting Materials, Superconducting Magnets & Devices, Superconducting Wires and Tapes, Applied superconductivity: Power transmission cable, Superconducting cavity and particle accelerators, attended the workshop.
4	16-11-19 to 17-11-19	JIIT Student Conference on Optics and Photonics-2019 (JSCOP 19)	2 Faculty Participated, Organized By JIIT OSA Chapter	JSCOP had speakers from different domains like software development, optoelectronics and semiconductor research.

(c) Invited/Expert Talk

S. No.	Date	Expert Lectures	External Expert(S)
1	11-09-19	EPR Paradox and Bell's Theorem for Beginners	Prof. T. H Qureshi Jamia Millia University
2	14-09-19	Advances in Next generation Solar Cells	Prof. G. D. Sharma LNMIIT, Jaipur
3	21-09-19	Silicon carbide Bulk Crystal Growth and Applications	Dr. O.P. Thakur, SSPL, DRDO
4	01-10-19	From JIIT to MIT and Back: New Research Directions and Lessons from Academia	Dr Ayush Bhandari, Imperial College London

➤ Honors and Awards.

Faculty

Sr. No.	Date	Faculty/Awards
1	December 2019	Prof. Anirban Pathak has elected as Fellow of the National Academy of Sciences, India

Students

S. No	Name of Event	Winners	Position	College
1	Online National Conference on Environment & Energy Materials (NCEEM-2020)	Hershalata Verma	best oral presenter award	Sharda University, Noida
2	Online English Article Writing competition	Anshul Singhal	consolation winner position	Motilal Nehru College, University of Delhi
3	Workshop on "Quantum Mechanics and its Applications"	Anshul Singhal	quiz program	Daulat Ram College, University of Delhi

Department of Humanities & Social Sciences



The Department of Humanities and Social Sciences plays a unique role at Jaypee Institute of Information and Technology, by emphasizing on the core human and social values and expanding the frontiers of knowledge. It is believed that engineering and science are, by their very nature, humanistic and socially derived enterprises. Hence a complete science and technology education must include humanities and social sciences and other behavioural sciences where the students can unite application of scientific principles along with human, moral and social understanding of life.

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

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

➤ **Facilities: labs and Software**

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

Language Laboratory

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

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

The laboratory has the following items:

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

Psychology Lab

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

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

- Test of Memory and Learning - Second Ed. (TOMAL-2)
- Developmental Test of Visual Perception – Adolescent and Adult
- Brief Visuo-spatial Memory Test-Revised
- Emotions & Expressions

- Children’s Academic Intrinsic Motivation Inventory
- Problem Solving Picture Cards
- Personality Assessment Inventory (PAI)
- Bhatia Battery of Performance Intelligence Test
- Indian Adaptation of the Multidimensional Aptitude Battery - MAB – II
- Social Skills Inventory
- Evaluating Acquired Skills in Communication - Third Edition (EASIC–3)
- BinetKamat Intelligence Test (BKT)

➤ Faculty Activities:

(a) Workshops, seminars, symposiums, conferences Attended

International

S. No.	Date	Event	Total Faculty Participated & Organized By	Details of event
1	6-02-20 to 08-02-20	International Conference on Embracing the Transformative Times - An International Conference on Digitalization of Management and Social Sciences (ETTIC-2020) at JIIT NOIDA	22 Faculty Organized by: Conference Chair: Prof. Alka Sharma, Dean & Head, Dept of Humanities & Social Sciences Convenors: Dr. Santoshi Sengupta, Dr. Swati Sharma, Dr. Badri Bajaj	Number of papers received: 165 Number of papers accepted: 83 Number of papers presented: 47 Resource Persons: Prof. Radha Sharma, Professor, Management Development Institute, Gurugram, Lucy Howe Lopez, Deputy Executive Director, Globethics.net, Prof. Sushil, Professor, Indian Institute of Technology, Delhi, Prof. Vishal Gupta, Indian Institute of Management, Ahmedabad, President – Indian Academy of Management, Prof. Dr Paulachan Kochappilly, CMI, Dharmaram Vidya Kshetram, Dharmaram College, Bangalore, Mr. Prem Singh, NHRD
2	03-05-20	Webinar on Behavioral Design	1 Faculty Organized by Ted X online	Ted X Gateway Webinar on Behavioral Design on. Resource Person: Mr NirEyal, Behavioral Design Expert & Author

National

S. No.	Date	Event	Total Faculty Participated & Organized By	Details of event
1	18-07-19 to 29-07-19	Induction Program for newly admitted B. Tech. students	20 Faculty Organized by JIIT Noida	English Diagnostic Test, NSS Activities, Workshop on Creativity, Guest Lectures on Soft Skills & Well Being
2	9-12-19 to 14-12-19	Faculty Development Programme on Innovative Teaching Learning Methodologies	97 Faculty Organized by: Convenor: Prof Alka Sharma Coordinators: Dr Deepak Verma Dr Anshu Banwari Ms Puneet Pannu Dr Parineeta Singh HSS, JIIT Noida	The objective of FDP was to revise the traditional perspectives of teaching and to provide opportunities to the teaching fraternity in engineering colleges to learn about technology enabled learning and innovative teaching-learning methodologies. In the 21st century, students have a wealth of information at their fingertips through e-learning resources therefore the pedagogical methods need to be updated. Since the focus was on outcome based learning, faculty members were taught the use of resources and copyrighted material in an appropriate manner.
3	23-01-20—24-01-20	Faculty Development Programme on 'Qualitative Design and Research (Using NVIVO Software),	1 Faculty Organized by Indian Management Institute (IMI), New Delhi	Faculty Development Programme on 'Qualitative Design and Research (Using NVIVO Software),
4	05-04-20	Seminar on "Does Morality Require God?"	1 Faculty Organized by Ashoka University, Sonapat	Organized by Ashoka University, Sonapat, Haryana for Beyond The Class room series Resource Person: Prof Kranti Saran
5	15-04-20	Seminar on "What Women Do: Is it even work?"	1 Faculty Organized by Ashoka University, Sonapat	organized by Ashoka University, Sonapat, Haryana for Beyond The Class room series on Resource Person: Prof Ashwini Deshpande
6	18-04-20	Seminar on "Masala Shakespeare"	1 Faculty Organized by Ashoka University, Sonapat	organized by Ashoka University, Sonapat, Haryana for Beyond The Class room series Resource Person Prof Jonathan Gill

S. No.	Date	Event	Total Faculty Participated & Organized By	Details of event
7	20-04-20— 06-05-20	Two Weeks online Faculty Development Programme on “Managing Online Classes and Co-Creating MOOCS”	1 Faculty Organised by Ramanujan College, University of Delhi,	Two Weeks online Faculty Development Programme on “Managing Online Classes and Co-Creating MOOCS” Organised by Ramanujan College, University of Delhi,
8	21-04-20	Cambridge Webinar on “webinar - Online Resources for Learners and Teachers.” ,	2 Faculty Organised by Cambridge	Cambridge Webinar on “webinar - Online Resources for Learners and Teachers.” ,
9	22-04-20	Seminar on “Remembering Bapu: Gandhi v/s Swaraj	1 Faculty Organized by Ashoka University, Sonapat	organized by Ashoka University, Sonapat, Haryana for Beyond The Class room series . Resource Person: Prof Rudranshu Mukherjee, Chancellor & Professor History
10	25-04-20— 01-05-20	One week online workshop on Qualitative research using Nvivo	3 Faculty Organised by Research Shiksha.com	One week online workshop on Qualitative research using , organised by Research Shiksha.com
11	27-04-20	Leadership talk with Mr. Ronnie Screwvalla, Chairman UpGrad	1 Faculty organised by AICTE	Leadership talk with Mr. Ronnie Screwvalla, Chairman UpGrad, organised by AICTE
12	28-04-20	Workshop on “Improving Research Planning Skills at Technical Institute”	1 Faculty organised by Elsevier	Workshop on “Improving Research Planning Skills at Technical Institute”, organised by Elsevier
13	28-04-20	Workshop on Academic Research Methodology, Publication & Ethics	1 Faculty organized by LRC JIIT Noida& Elsevier Resource Person: Mr Vishal Gupta	Workshop on Academic Research Methodology, Publication & Ethics, organized by LRC JIIT Noida& Elsevier Resource Person: Mr Vishal Gupta
14	29-04-20	Seminar on “Islamic Poetry: Combat with the Self” organized by Ashoka University, Sonapat, Haryana for Beyond The Class room series. Resource Person: Prof Ali Khan Mahmudabad	1 Faculty Organized by Ashoka University, Sonapat	organized by Ashoka University, Sonapat, Haryana for Beyond The Class room series. Resource Person: Prof Ali Khan Mahmudabad
15	05-05-20	Webinar on NAAC Awareness Program	1 Faculty organized by JIIT, Noida	Webinar on NAAC Awareness Program, organized by JIIT, Noida

S. No.	Date	Event	Total Faculty Participated & Organized By	Details of event
16	06-05-20	Webinar on NAAC Awareness Program	1 Faculty organized by JIIT, Noida	Webinar on NAAC Awareness Program, organized by JIIT, Noida
17	09-05-20	A31 Ted X Gateway Webinar on "Imminity against an Invisible Adversary" .	1 Faculty Organized by Ted X online	A31 Ted X Gateway Webinar on "Imminity against an Invisible Adversary" . Resource Person: Mr Naveen Jain & Dr MomoVuyusich
18	13-05-20	Seminar on "Pandemic & Power: The Global Order after COVID-19	1 Faculty Organized by Ashoka University, Sonapat	organized by Ashoka University, Sonapat, Haryana for Beyond the Classroom series . Resource Person: Prof Bhanu Pratap
19	17-05-20	Ted X Webinar on' Sustaining Happiness"	1 Faculty Organized by Ted X online	Resource Person: Prof Raghu Rajan
20	17-05-20 to 21-05-20	Faculty Development Program on "Learning Pedagogy and effective use of Case Methodology"	1 Faculty organized byASM and ASMA	Faculty Development Program on "Learning Pedagogy and effective use of Case Methodology", organized byASM and ASMA
21	19-05-20	Cambridge Webinar on "Speaking is more than saying words"	1 Faculty Organised by Cambridge	Cambridge Webinar on "Speaking is more than saying words", Organised by Cambridge
22	21-05-20	A training session on "Inner Silence Meditation",.	1 Faculty Organized by www.mystic-asia.in .	A training session on ",Inner Silence Meditation",. Organized by www.mystic-asia.in. Resource Person: Mala Barua
23	26-05-20	Webinar Session on Topic:" Is customer centricity the way forward in an ever changing market"	1 Faculty organized by IIM Rohtak	Webinar Session on Topic: "Is customer centricity the way forward in an ever changing market"
24	07-06-20	Ted X Gateway Webinar on "Navigating Technological Change for a Better Future" .	1 Faculty Organized by Ted X online	Ted X Gateway Webinar on "Navigating Technological Change for a Better Future",. Organized by Ted X online
25	09-06-20 to 11-06-20	Three day national webinar on Covid -19 & Indian Economy ,	1 Faculty organized by School of Social Sciemce, Cent ral University of Gujarat	Three day national webinar on Covid -19 & Indian Economy, organized by Schoolof Social Sciemce, Central University of Gujarat

S. No.	Date	Event	Total Faculty Participated & Organized By	Details of event
26	17-06-20	An e workshop on publishing in Academy of Management Discoveries ,	1 Faculty organized by BML Munjal University,	An e workshop on publishing in Academy of Management Discoveries, organized by BML Munjal University,

(b) Conferences /Workshops / Faculty Development Programs Organized

International

S. No.	Date	Name Of Conference/ Workshop/ Seminar	Total Faculty Participated & Organized By
1	06-02-20 to 08-02-20	International Conference on Embracing the Transformative Times -An International Conference on Digitalization of Management and Social Sciences (ETTIC-2020)" at JIIT NOIDA	22 Faculty participated, Organized by: JIIT Noida

National

S. No.	Date	Name Of Conference/ Workshop/Seminar	Total Faculty Participated & Organized By
1	9-08-19 to 10-08-19	MDP on Management Development Programme on Nurturing Your Leadership Potential	9 Faculty participated Organized By JIIT, Noida
2	24-10-19	One day Workshop on Gender Sensitization	43 Faculty participated Organized By JIIT, Noida
3	9-12-19 to 14-12-2-19	National FDP on Innovative Teaching Learning Methodologies.	97 Faculty participated Organized By JIIT, Noida
4	22-02-20	One day Workshop on Life saving skills during Disaster	23 Faculty participated Organized By JIIT, Noida

(c) Invited/Expert Talk

S.No.	Date	Expert Lectures	External Expert(S)
1	25-07-19	lecture on Communication for Career Success	Prof. Neerja Pandey (Communication Area), IIM Lucknow (Noida Campus)
2	09-12-19	lecture on Conception of Learning Outcomes in Bloom’s Taxonomy	Prof P K Singla (Curriculum Development) NITTR,
3	06-02-20	lecture on TREAT for LEAP: Leading New Age Talent in the Digital Era’	Prof. Vishal Gupta (Organizational Behaviour Area), IIM Ahmedabad
4	06-02-20	lecture on Embracing Digitalisation: Opportunities, Challenges and Competencies	Prof Radha R Sharma (Organizational Behaviour Area), MDI Gurgaon

S.No.	Date	Expert Lectures	External Expert(S)
5	06-02-20	lecture on Digital Transformation and Flexibility	Prof Sushil (Flexible Systems Management Ares) Dean, IIT, Delhi
6	06-02-20	Lecture on Human Dignity as the Trademark in a Digitalizing Management Era for Social Change	Prof. Dr PaulachanKochappilly, HOD, Dharmaram College Bangalore.
7	08-02-20	Lecture on on Digital Scholarships: Trends and Implications – Options for Universities	Prof Madhulika Kaushik, Pro Vice Chancellor, Usha Martin University Ranchi

(d) Visit of Dignitaries.

S. No.	Date	Expert	Topic/Purpose of visit
1	20-07-19	Mr Rahul Joshi	Lecture on Art of Living
2	23-07-19	Mr NavinGulia	Lecture on Motivation
3	25-07-19	Prof. NeerjaPande	Lecture on Soft Skills
4	26-07-19	Dr. Dabas, International Corporate Trainer, Motivational Speaker, Org Transformation Coach, Former CHRO-Hero Honda.	Lecture on Motivation
5	26-07-19	Rajasthani Sufi Vocalist Shri Anwar Khan Langaji on	Performance of Folk Songs
6	05-09-19	Javier H., Founder of Paradise Revolution	Guest Lecture
7	30-01-20	Ankur Jain, Chief Knowledge Expert, TIMES (Triumphant Institute of Management Education Pvt Ltd)	Invited Lecture
8	09-06 2020	Dr Anshumali Sharma	Webinar on Combating COVID-19

➤ Other Achievements

Prof. Alka Sharma	Member, Board of Studies and Selection Committee, Jaypee University of Information Technology, Waknaghat Member, Board of Studies and Selection Committee, Jaypee University, Anoopshahar Member, Board of Studies and Selection Committee, Amity university, Noida Member, Board of Studies and Selection Committee, Sharda University, Noida
Dr. SakshiVarshney	Member, Board of Studies, Commerce, Jaypee University, Anoopshahar
Dr. Amba Agarwal	Member, Board of Studies, Economics, JaypeeUniversity, Anoopshahar
Dr. Badri Bajaj	Delivered a talk on “Coaching Psychology” for International Coach Federation, New Delhi on 20 October 2019

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 has established itself amongst the new generation of B-schools in India. The BBA and MBA programs of JBS train students to successfully manage, lead, organize and adapt in the changing business scenario. The programs equip the students with practical skills as well as theoretical knowledge.

Vision

To be a centre of excellence for grooming management professionals for providing leadership in industries organizations and venture into entrepreneurship.

Mission

MISSION 1: To offer management education for enhancing knowledge and skills across functional areas through benchmarked curriculum using innovative teaching learning methods.

MISSION 2: To conduct contemporary and futuristic interdisciplinary research in areas of management.

MISSION 3: To interact with industry and other stakeholders and establish effective linkages for professional and entrepreneurial enrichment of management professionals.

IT Infrastructure and Facilities

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

➤ Facilities Including labs

Jaypee Business School has two laboratories providing computational facility of more than 100 computer nodes interconnected via LAN. These nodes are running on the Windows 2010 platform and are equipped with state of art software, like SPSS and AMOS. JBS puts a great emphasis on laboratory work. While laboratories are also used for developing skills to use and apply various concepts, tools and techniques, their main purpose is to develop the general professional competencies through experiential and collaborative learning.

➤ Visiting/ Guest Faculty

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

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

S. No.	Period	Name	Course Title
1	July-2019	Dr. Patrick McNamara, Professor, University of Nebraska, Omaha, USA.	Social Entrepreneurship
2	Jan-May-2020	Rashmi Jacob, Ex-Assistant Professor at Noida International University, Greater Noida in the department of Liberal Arts	Theatre and Performance
3	Oct-Dec, 2019	Dr Shivani Kapoor Associate Professor NDIM Delhi	Employability Skills

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

S. No.	Date of Visit	Name	Company
1	26-09-2019	Mr P. Dwarkanath, Chairman,	GSK Consumer Healthcare
2	28-09-2019	Prof. Barnali Chakladhar, Professor	IMT-Ghaziabad
3	03-10-2019	Mr. Gaurav Raj Mittal, Chartered Accountant	
4	12-10-2019	Mr. Sudhakar Yadav, CEO	CyFuture Pvt Limited
5	19-11-2019	Prof. Deepak Khazanchi, Prof. and Associate Dean	University of Nebraska Omaha, USA
6	11-12-2019	Mr. Kartik Raina, former CEO	Dabur Foods
7	14-12-2019	Mr. Amit Shukla, Head Corporate Strategy	GMR Group
8	10-02-2020	Mr. Sameer Soni, Director	Times of India
9	15-02-2020	Mr. Zaffar Kamil, Dy.GM	RBI
10	25-02-2020	Ms. Shazia Atyab, Sr. Manager	Rategain

➤ **Seminars / Webinars / Workshops /Development Program**

Webinars

Sr. No.	Date	Topic	Speaker
1	22-11-2019	Finance summit- Innovations in Finance	Prof C.P. Gupta, University of Delhi, South Campus, ,
2	22-11-2019	Emerging issues in FinTech	Mr. Punish Oberoi, CFA, VP, Yes Bank, Mr Manav Munjal, PayMe India
3	22-11-2019	Emerging issues in banking and insurance	Ms Swati Shital Sinha, Mr J K Arora, (Rtd AGM) UCO Bank.
4	20-04-2020	Indian Economy during COVID 19 times	Samrat Sharma, Indian Express
5	23-04-2020	Maintaining Quality in Teaching Learning Practices when Imparting Online Education.	Prof Bharat Bhaskar, Director, IIM Raipur
6	30-04-2020	Emerging Opportunities for Budding Entrepreneurs and MBAs in the Post Covid Period	Mr. Manoj Kr. Kulshreshtha, Managing Director, MK Kulshreshtha & Associates

7	04-05-2020	Applications of Business Analytics and Artificial Intelligence in the Industry	Dr. Tuhin Chattopadhyay, Founder CEO Tuhin AI Advisory
8	12-05-2020	Discussion on Impact of Covid -19 on Small and Medium Business	Mayank Gupta, CEO To Be Honest
9	16-05-2020	Interaction Getting Aspired and Creating Inspirations	Himanshu Jaisinghani Mercedes Benz (Alumnus JBS of MBA 2009-11 Batch)
10	18-05-2020	Decoding Leadership: The Mahabharata Way	Prof. Asha Kaul, and Prof. Sanjay Verma, IIM Ahmedabad
11	23-06-2020	Entrepreneurial Journey of Anubhava Mittal	Mr. Anubhava Mittal (JBS 07-09 Batch)

Management Development Program:

S. No	Dates	Management Development Program	Total with (Paid Participants)
1	29-30 Nov 19	Finance for non-finance people	15 (10)
2	6-7 Dec 2019	General managerial skills	12 (8)
3	17-18 Jan 2020	Dashboard - A tool for effective management	12 (4)

Development Program

S. No.	Dates	Program	No. of Participants
1	5-6 Feb 2020	Staff Development Program	28
2	12-10-2019	Faculty Development Program	

Industry Visit to Jai Bharat Maruti – November 16, 2019

To give a practical exposure to MBA students an industry visit to Jai Bharat Maruti Limited (JBM) plant was arranged for 48 students of MBA 2019-21 Batch. During the visit students were given an understanding of the auto parts industry, its role in the growth of the economy, an overview of the company and finally students experienced the assembly line production of fleet of buses.

➤ Faculty activities to include:

(a) Workshops, seminars, symposiums, conferences Attended

International

S. No.	Date	Name Of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
1.	08-10-01-2020	6th International Communication Management Conference, held at MICA Ahmedabad, during January 8-10, 2020.	01 / MICA Ahmedabad
2.	06-08-02-2020	Embracing the Transformative Times: An International Conference on Digitalization of Management and Social Sciences, held at IIIT Noida, during February 6-8, 2020.	04 JBS Faculty / IIIT

National

S. No.	Date	Name Of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By
1	9-14-12-2019	Innovative Teaching –Learning Methodologies organized by JIIT Noida during December 9-14, 2020.	3 JBS faculty / JIIT
2	25-29-05-2020	Outcome Based Education and Accreditation organized by IILM College of Engineering and Technology, during May 25-29, 2020	01 / IILM College of Engineering, Greater Noida

(b) Workshops, seminars, symposiums, conferences Organized

S. No.	Date	Name Of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By	Details of event
1	04-10-2019	Workshop “Know Your Rights” by ITC Vivel ‘Ab Samjhauta Nahin’ by Ms. Avni Bhatia, Team leader, ITC.	JBS Faculty member and students / JBS	Gender Discrimination and Sensitization issues among Youths
2	12-10-2019	Workshop on “Case Study Method” by Prof S. Rangnekar, IIT Roorkee	All JBS Faculty member and PhD Scholars	What is case method and how to conduct a case class?
3	26-11-2019	Workshop by MsMarliseKarlin, CEO & Founder, SOS Method, USA - Meditation Reinvented	All Faculty member and students / JBS	How to provide help and counselling?
4	28-29-11-2019	Management Development Program – Finance for Non-finance – 2 day – 28-29, Nov 2019	Industry Participants + 3 JBS Faculty member/ JBS	Concepts and Applications finance concepts for non-finance executives
5	30-11-2019	Workshop “Emerging issues of law in business and foreign trade” Speakers: (1) Advocate GautamKhazanchi, (2) Prof (Dr) Ram Singh, Indian Institute of Foreign Trade; Sessions: 1st half & 2nd half	JBS Faculty member and students / JBS	Legal aspects in business and trade
6	06-07-12-2019	Management Development Program – General Management Skills – 2 Day – Dec 6-7, 2019	Industry Participants + 3 JBS Faculty member/ JBS	Skills required to become successful managers

S. No.	Date	Name Of Conference/ Workshop/ Seminar Attended	Total Faculty Participated & Organized By	Details of event
7	10-01-2020	Workshop "Securities Markets Operations" by BSE reps - MsAnshu Raheja, MrRishkek Sinha, and Mr. Himanshu Arora	JBS Faculty member and students/JBS	Investments approaches in Stock Markets
8	16-17- 01-2020	Data Analytics Using Excel – 2 day – Jan 2020	Industry Participant + 2 JBS Faculty Member	MDP
9	18-01-2020	Workshop "Cyber Crimes and Cyber Law" by Mr Anuj Agarwal, Chairman, Centre for Research on Cyber Crime and Cyber Law, and National Convener, Startups for Digital India	JBS Faculty member and students / JBS	Awareness about Cyber Crimes and ways to avoid being trapped in cyber crimes.
10	01-02-2020	Workshop "Indian Budget 2020 and its Analysis" by MrAtul Agarwal, CA, and Mr M.G. Gupta, CA	JBS Faculty member and students / JBS	Salient features of Annual Budget 2020 and how to decipher the changes and its impact
11	06-03-2020	Workshop by MsKalpana Sinha, Entrepreneurship trainer - under Institutions Innovation Council - for MBA 1st year and BBA 1st year on "Design Thinking for Management Professionals"	JBS Faculty member and students / JBS	Identifying Entrepreneurial opportunities and preparing to launch a start-up
12	30-04-2020	Emerging Opportunities for Budding Entrepreneurs and MBAs in the Post Covid Period	JBS faculty and students/ JBS	Entrepreneurial ventures and how management students can take advantage of Post covid period
13	18-05-2020	Decoding Leadership: The Mahabharata Way- Prof. Asha Kaul, and Prof. Sanjay Verma, IIM Ahmedabad	JBS faculty and students/ JBS	Dissecting the characters in Mahabharata to identify leadership attributes

(c) Invited / Expert Talk

S. No.	Date	Expert Lectures	External Expert(s)
1	26-09-2019	"How eco system is influencing HR"	by Mr.P.Dwarkanath, Chairman, GSK Consumer Healthcare
2	26-09-2019	Understanding Financial Statements"	Prof (Dr) BarnaliChaklader, IMT Ghaziabad
3	03-10-2019	"Goods and Services Tax"	Mr Gaurav Raj Mittal, Chartered Accountant
4	12-10-2019	"E-governance"	MrSudhakar Yadav, CEO, Cyfuture
5	19-11-2019	"Preparing for New Age Careers - A global perspective"	Prof. Deepak Khazanchi, University of Nebraska at Omaha, USA
6	23-04-2020	Maintaining Quality in Teaching Learning Practices when Imparting Online Education.	Prof. Bharat Bhasker, Director IIM Raipur
7	04-05-2020	Applications of Business Analytics and Artificial Intelligence in the Industry	Dr. Tuhin Chattopadhyay, Founder & CEO, Tuhin AI Advisory
8	12-05-2020	Interaction with Discussion on Impact of Covid -19 on Small and Medium Business	Mayank Gupta, Founder and CEO - To Be Honest

DEPARTMENT EVENTS PHOTOGRAPHS















Publications with JIIT Affiliation during Academic Year 2019-2020



Table 1: Summary of Publications

S. NO.	PUBLICATION TYPE	TOTAL
1	INTERNATIONAL JOURNALS	235
2	NATIONAL JOURNALS	7
3	INTERNATIONAL CONFERENCES	128
4	CHAPTER PUBLICATION	30
5	BOOK PUBLICATION	2
	TOTAL	402

Publication in International Journals

S.No.	Full Reference	Unique ID
1	Pooja Upadhyay, Arushi Saxena, Pammi Gauba "Biological Analysis Of Yamuna River " ; Journal of Materials Science and Surface Engineering , 6 (6), 905-908, 2019	19PUBABIJ01
2	G. Maheshwari, K. Setia , P. Gauba "Exploring Phytoremediation Potential For Estrogen Hormone" International Journal of Research and Review, Vol.6; Issue 9; September 2019; 195-202	19GMEPBIIJ01
3	D. Verma, S. Gupta, R. Saxena, P. Kaur, R. Rachana, S. Srivastava, V. Gupta, "Allosteric inhibition and kinetic characterization of Klebsiella pneumoniae CysE: An emerging drug target." International journal of biological macromolecules. 2019	19DVAIBIIJ01
4	R. Saxena & S. Srivastava, " An insight into impedimetric immunosensor and its electrical equivalent circuit," Sensors and Actuators B: Chemical, VOL. 297, pp. 126-780, 2019.	19RSAIBIIJ01
5	UL. Raj, M. Gautam, S. Dang, R. Gabrani, "Antibacterial and antibiofilm activities of trans-cinnamaldehyde nanoemulsion against Escherichia coli" Asian J Pharm Clin Res, vol. 12, pp. 301-304, 2019.	19URAABIIJ01
6	Yadav, P., & Kumari, A, Sundari, K S, "ASURE": A Multi-potential Plant Bioassay as a Pre-Determinative Microbial Efficiency Testing Tool for Bioinoculant Studies. MethodsX. 2019	19YPAABIIJ01
7	Kuldeep Nigam, Atinderpal Kaur, Amit Tyagi, Kailash Manda, Reema Gabrani, Shweta Dang" Baclofen-Loaded Poly (D,L-Lactide-Co-Glycolic Acid) Nanoparticles for Neuropathic Pain Management: In Vitro and In Vivo Evaluation", Rejuvenation research, Vol 22(3), pp. 235-245, Jun 2019	19KNBLBIIJ01
8	A. Pant, S. Agarwal & M. Singh, "Bacteriostatic activity of Melaleuca alternifolia loaded Microemulsion targeting microbial skin infection by Topical Deliver," Research Journal of Topical and Cosmetic Sciences, 10(2), pp. 48-56, 2019.	19APBABIIJ01
9	S. Agarwal, V. Tyagi, M. Agarwal, A. Pant, H. Kaur & M. Singh, "Controllable Transdermal Drug Delivery of Theobroma cacao Extract Based Polymeric Hydrogel against Dermal Microbial and Oxidative Damage," Food and Nutrition Sciences, 10(10), 1212-1235, 2019.	19SACTBIIJ01
10	K. Singhal, & S. Mohanty, " Detection of Phage and In-Silico Analysis of WO Phage Associated Cif Genes from Wolbachia: A Study Based on Drosophila Model." J.RNA genomics 5, 6. 2019.	19KSDOBIIJ01
11	N. Gupta, K.A. Skinner, S. Khan, J.N. Edirisinghe, & C.S. Henry, " Draft Genome Sequence of Enterobacter sp. Strain A8, a Carbazole-Degrading Bacterium," Microbiol Resour Announc, 8(18), e00301-19, 2019.	19NGDGBIIJ01

S.No.	Full Reference	Unique ID
12	R. Sharma, R. Raghav, K. Priyanka, P. Rishi, S. Sharma, S. Srivastava & I. Verma, "Exploiting chitosan and gold nanoparticles for antimycobacterial activity of in silico identified antimicrobial motif of human neutrophil peptide-1," Scientific reports, 9(1), 1-14, 2019.	19RSECBIIJ01
13	Priyadarshini, D. Raizada, P. Kumar, T. Singh, T. Pruthi, A. Negi, L. Nigam, & N. Subbarao, "Exploring the modulatory effect of albumin on calcium phosphate crystallization," Current Science, 117(6), 2019.	19DRETBIJ01
14	I. Nandi, A. Gupta, V.K. Chaudhary, V. Gupta, R. Gabrani*, S. Gupta*, "Expression, purification and functional characterization of recombinant Hyper Variable Region (HVR) of Chikungunya virus nsP3 protein" 3Biotech, vol. 9, pp. 235, June 2019.	19INEPBIIJ01
15	M. Singh, " Fabrication, Validation, and Stability Analysis of Melaleuca alternifolia Oil-in-water Microemulsion for Improved Transdermal Application", Asian Journal of Pharmaceutics 13(3), 2019.	19APFVBIJ01
16	S. Mani, S. N. Rao, & M.K. Kumar, M. K, "Genetic heterogeneity of mitochondrial genome in thiamine deficient Leigh syndrome patients", Journal of the neurological sciences, 404, 91-100, 2019.	19SMGHBIIJ01
17	K. Singhal, & S. Mohanty, " Genome organisation and comparative genomics of four novel Wolbachia genome assemblies from Indian Drosophila host" Functional & integrative genomics, 19(4), 617-632, 2019.	19KSGOBIIJ01
18	S. Dubey, S. Saxena, A.S. Chauhan, P. Mathur, V. Rani, & D. Chakrabarty, "Identification and expression analysis of conserved microRNAs during short and prolonged chromium stress in rice (Oryza sativa)", Environmental Science and Pollution Research, 27(1), 380-390, 2020.	19SDIABIIJ01
19	P. Joshi, A. Gupta, & V. Gupta, V, "Insights into multifaceted activities of CysK for therapeutic interventions", 3 Biotech, 9(2), 44, 2019.	19PJII BIJ01
20	A. Negi, & I.P. Sarethy, " Microbial Biodeterioration of Cultural Heritage: Events, Colonization, and Analyses," Microbial ecology, 78(4), 1014-1029, 2019.	19ANMBBIIJ01
21	N. Srivastava, I. Nandi, A. Ibeyaima, S. Gupta, & I.P. Sarethy, "Microbial diversity of a Himalayan forest and characterization of rare actinomycetes for antimicrobial compounds", 3 Biotech, 9(1), 27, 2019.	19NSMDBIIJ01
22	Kuldeep Nigam, Reema Gabrani, Shweta Dang "Nano-emulsion from Capsaicin: Formulation and Characterization" Materials Today: Proceedings vol 18, pp869-878, 2019.	19KNNEBIIJ01
23	Atinderpal Kaur, Reema Gabrani, Shweta Dang "Nanoemulsions of Green Tea Catechins and Other Natural Compounds for the Treatment of Urinary Tract Infection: Antibacterial Analysis" Advanced pharmaceutical bulletin, vol. 9(3), pp. 401, 2019	19AKNOBIIJ01

S.No.	Full Reference	Unique ID
24	K. Nigam, A. Kaur, A. Tyagi, M. Nematullah, F. Khan, R. Gabrani, S. Dang, "Nose-to-brain delivery of lamotrigine-loaded PLGA nanoparticles", Drug delivery and translational research, pp. 1-12, Mar 2019	19KNNOBIIJ01
25	D. Verma, M. Antil, & V. Gupta, "Recombinant production of active Streptococcus pneumoniae CysE in E. coli facilitated by codon optimized BL21 (DE3)-RIL and detergent," Preparative Biochemistry and Biotechnology, 49(4), 368-374, 2019.	19DVRPBIIJ01
26	K. Chakravarty, & S. Gaur, " Role of probiotics in prophylaxis of helicobacter pylori infection", Current pharmaceutical biotechnology, 20(2), 137-145, 2019.	19KCROBIIJ01
27	M. Antil, J. Sharma, Y. Brissonnet, M. Choudhary, S. Gouin, & V. Gupta, "Structure-function insights into elusive Mycobacterium tuberculosis protein Rv1916", International journal of biological macromolecules, 141, 927-935, 2019.	19MASFBIIJ01
28	G. Agarwal, S. Gupta, R. Gabrani, A. Gupta, VK. Chaudhary, V. Gupta "Virtual screening of inhibitors against Envelope glycoprotein of Chikungunya Virus: a drug repositioning approach" Bioinformation, vol. 15(6), pp. 439-447, June 2019	19GAVSBIIJ01
29	S. Saxena, P. Mathur, V. Shukla, & V. Rani, " Differential expression of novel MicroRNAs from developing fetal heart of Gallus gallus domesticus implies a role in cardiac development," Molecular and cellular biochemistry, 462(1-2), 157-165, 2019.	19SSDEBIIJ01
30	S.Soni, M. Antil, V. Gupta, Detrimental Effects of TB on Socioeconomy of South Asia Region: Feasibility of Achieving END TB Target. Journal of Materials Science & Surface Engineering, 6(6): 899-904, 2019	19SSDEBIIJ02
31	P K Tripathi, C K Jain, Computational Drug Discovery Based on Natural Products Against Acinetobacter Baumannii, Journal of Materials Science & Surface Engineering, 6(6), 895-898, 2019	19PKCDBIIJ01
32	S. Lal, N. Sardana, A. Sureka, "Three-Level Learning for Improving Cross-Project Logging Prediction for If-Blocks", Journal of King Saud University - Computer and Information Sciences, 2018.	18SLTLCSIJ01
33	N. Bharill, A. Tiwari, A. Malviya, O. P. Patel, A. Gupta, D. Puthal, A. Saxena, M. Prasad, "Fuzzy Knowledge Based Performance Analysis on Big Data", Neurocomputing, 2019.	18NBFKCSIJ01
34	O.P. Patel, N. Bharill, A. Tiwari, M. Prasad, "A Novel Quantum-inspired Fuzzy Based Neural Network for Data Classification", IEEE Transactions on Emerging Topics in Computing, 2019.	19OPANCSIJ01
35	G.K. Nigam, C. Dabas, "Improved energy efficient leach in wireless sensor networks", Journal of Theoretical and Applied Information Technology, Vol. 97, No. 4, 2019.	19GKIECSIJ01

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36	Ankita, M.K. Thakur, T.K. Tiwari, "K-means and Particle Swarm Optimization based Color Constancy of Images", International Journal of Engineering and Advanced Technology(IJEAT), Vol. 8, No. 4, pp. 1578-1585, 2019.	19ANKACSIJ01
37	S. Patel, "A New Modified Dropping Function for Congested AQM Networks", Wireless Personal Communications, Vol. 104, No. 1, pp. 37-55, 2019.	19SPANCSIJ01
38	S. Patel, "Sensitivity Analysis of Queue Based AQM over Network Parameters", IET Networks, Vol. 8, No. 4, pp. 280-288, 2019.	19SPSACSIJ01
39	N. Hema,K. Kant, "Cost-effective smart irrigation controller using automatic weather stations", International Journal of Hydrology Science and Technology, Vol. 9, N. 1, pp. 1-27, 2019.	19HNCSCSIJ01
40	H . BansalS. Kohli, "Trust Evaluation of Websites: A comprehensive study", International Journal of Advanced Intelligence Paradigms (IJAIIP), Vol. 13, N. 1/2, pp. 101–112, 2019.	19HBTECSIJ01
41	S. Bala, G. Sharma, H. Bansal, T. Bhatia, "On the security of Authenticated Group Key Agreement Protocols", Scalable Computing: Practice and Experience (SCPE), Vol. 20, N. 1, pp. 93-99, 2019.	19SBOTCSIJ01
42	V. Puri, S. Sachdeva and P. Kaur, "Privacy preserving publication of relational and transaction data:Survey on the anonymization of patient data", Computer Science Review, Vol. 32, pp. 45–61, 2019.	19VPPPCSIJ01
43	A.C. Pandey, D.S. Rajpoot, M. Saraswat, "Feature Selection Method based on Hybrid Data Transformation and Binary Binomial Cuckoo Search", Journal of Ambient Intelligence and Humanized Computing, pp. 1-20, 2019.	19APFSCSIJ01
44	A.C. Pandey, D.S. Rajpoot, "Spam review detection using spiral cuckoo search clustering method", Evolutionary Intelligence, Vol. 12, No. 2, pp 147-164, 2019.	19APSRCSIJ01
45	A.C. Pandey, D.S. Rajpoot, "Improving Sentiment Analysis using Hybrid Deep Learning Model", Recent Patents on Computer Science, Vol. 12, No. 1, 2019.	19APISCSIJ01
46	A.C. Pandey, D.S. Rajpoot, "Feature Selection Method based on Grey Wolf Optimization and Simulated Annealing", Recent Patents on Computer Science, Vol. 12, No. 1, 2019.	19APFSCSIJ0101
47	H. Mittal, M. Saraswat, "An automatic nuclei segmentation method using intelligent gravitational search algorithm based superpixel clustering", Swarm and Evolutionary Computation, Vol. 45, pp. 15-32, 2019.	19HMAACSIJ01
48	R. Pal, M. Saraswat, "Histopathological image classification using enhanced bag-of-feature with spiral biogeography-based optimization", Applied Intelligence, Vol. 49, No. 9, pp. 3406-3424, 2019.	19RPHICSIJ01

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49	R. Pal, M. Saraswat, "Grey Relational Analysis based Keypoints Selection in Bag-of-Features for Histopathological Image Classification", Recent Patents on Computer Science, Vol. 12, No. 4, pp. 260-268, 2019.	19RPGRCISIJ01
50	P. Lodhi, O. Mishra, S. Jain, "Self-learning kNwledge base using Nive BaY classifier", Intelligent Decision Technologies, Vol. 12, N. 4, pp. 491-498, 2018.	18PLSLCSIJ01
51	S. Jain, K. Asawa, "Modeling of emotion elicitation conditions for a cognitive-emotive architecture", Cognitive Systems Research, Vol. 55, pp. 60-76, 2019.	19SJMOCISIJ01
52	A. Arora, S. Bansal, C. Kandpal, R. Aswani, Y. Dwivedi, "Measuring social media influencer index-insights from facebook, Twitter and Instagram", Journal of Retailing and Consumer Services, Vol. 49, pp. 86-101, 2019.	19AAMSCSISIJ01
53	A. Arora, R. Bana, H. Shah, D. Yadav, " Artificial Bee Colony-Based Influence Maximization Approach for Social Coding Portal GitHub", International Journal of Swarm Intelligence Research (IJSIR), Vol. 10, No. 2, pp. 34-47, 2019.	19AAABCSISIJ01
54	A. Taneja, A. Arora, "Modeling user preferences using neural networks and tensor factorization model", International Journal of Information Management, Vol. 45, pp. 132-148, 2019.	19ATMUCSISIJ01
55	K. Jain, A. Garg, S. Jain. "Reconstructing Diffusion Model for Virality Detection in News Spread Networks", International Journal of Knowledge and Systems Science (IJKSS), Vol. 10, No. 1, pp-21-37, 2019.	19KJRDCSISIJ01
56	U. Nyati, S. Rawat, D. Gupta, N. Aggrawal, "Characterize ingredient network for recipe suggestion", International Journal of Information Technology, pp. 1-8, 2019.	19UNCICISIJ01
57	A. Kaur, P. Kumar, G.P. Gupta, "A new localization using single mobile anchor and mesh-based path planning models", Wireless Networks, Vol. 25, No. 5, pp. 2919-2929, 2019.	19AKANCSISIJ01
58	P.K. Upadhyay, S. Chandra, "Salient Bag of Feature for Skin Lesion Recognition", International Journal of Performability Engineering, Vol. 15, No. 4, pp. 1083-1093, 2019.	19PUSBCSISIJ01
59	P. Mehta, S. Chandra, "NICFS: A novel feature selection method applied to lexicon based sentiment analysis", Intelligent Decision Technologies, Vol. 13, No. 1, pp. 41-48, 2019.	19PMNACISIJ01
60	M. Ramzan, S. Dawn, "Learning based classification of Valence Emotion from Electroencephalography (EEG)", International Journal of Neuroscience, pp. 1-11, 2019.	19MRLBCSISIJ01
61	K. Rajalakshmi, N. Aggrawal, L. Sharma, D. Srivastava, S.Sharma, "Importance of Feature Selection and Data Visualization towards Prediction of Breast Cancer", Recent Patents on Computer Science, Vol. 12, N.1, pp. 1-12, 2019.	19RKIOCSISIJ01

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62	R. Krishnamurthi, R. Patan, A.H. Gandomi, "Assistive pointer device for limb impaired people: A novel Frontier Point Method for hand movement recognition", <i>Future Generation Computer Systems</i> , Vol. 98, pp.650-659, 2019.	19RKAPCSIJ01
63	V. Hassija, V. Chamola, V. Saxena, D. Jain, P. Goyal, and B. Sikdar, "A survey on iot security: Application areas, security threats, and solution architectures", <i>IEEE Access</i> , Vol. 7, pp. 82721–82743, 2019.	19VHASCSIJ01
64	S. Agarwal, S. Mehta, "Multi-perspective Elicitation of Influential Parameters and Measures in Social Network", <i>International Journal of Innovative Technology and Exploring Engineering (IJITEE)</i> , Vol. 8, No. 8, pp. 2560-2571, 2019.	19ASMPCSIJ01
65	H. Gujral, S. Mittal, A. Sharma, "A Novel Data Mining Approach for Analysis and Pattern Recognition of Active Fingerprinting Components", <i>Wireless Personal Communications</i> , Vol. 105, No. 3, pp. 1039-1068, 2019.	19HGANCSIJ01
66	N. Jain, S. Mittal, "SPREAD - A Routing Protocol to Meet End-to-end Adjusted Deadline in Real Time Wireless Sensor Networks", <i>International Journal of Sensors, Wireless Communications and Control</i> , Vol. 9, No. 1, 2019.	19NJSACSIJ01
67	A. Nyayar, R. KrishNmurthi, P. Sarkar, G. Palai, "Studies on coupling of optical power to graphene based NN waveguide at 1550 nm for application in photonic integrated circuit", <i>Optik, Urban & Fischer</i> , Vol. 185, pp.636-642, 2019.	19ANSOCSIJ01
68	Somya Jain and Adwitiya Sinha. "Social network sustainability for transport planning with complex interconnections." <i>Sustainable Computing: Informatics and Systems</i> 24 (2019): 100351.	19SJSNCSIJ01
69	N. Jain, R. Porwal, S. Kumar, S. Varshney, M. Saraswat, "Automatic data flow class testing based on 2-step heterogeneous process using evolutionary algorithms", <i>Journal of Statistics and Management Systems</i> , Vol. 22, No. 7, pp. 1315-1348, 2019.	19NJADCSIJ01
70	R. Pal, M. Saraswat, "Grey Relational Analysis based Keypoints Selection in Bag-of-Features for Histopathological Image Classification", <i>Recent Patents on Computer Science</i> , Vol. 12, No. 4, pp. 260-268, 2019.	19RPGRCSIJ01
71	B. Verma, A. Choudhary, "Grassmann manifold based dynamic hand gesture recognition using depth data", <i>Multimedia Tools and Applications</i> , pp. 1-25, 2019.	19BVGMC SIJ01
72	A.J. Bhatt, C. Gupta, S. Mittal, "iShield: A Framework for Preserving Privacy of iOS App User", <i>Journal of Cyber Security and Mobility</i> , Vol. 8, N. 4, pp. 493-536, 2019.	19AJAFCSIJ01
73	V. Hassija, V. Saxena, and V. Chamola, "Scheduling drone charging for multi-drone network based on consensus time-stamp and game theory", <i>Computer Communications</i> , Vol. 149, pp. 51-61, 2020.	19VHSDCSIJ01

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74	C. Dabas, G.K. Nigam, "TEMPERATURE AND POWER INVESTIGATION OF 6LOWPAN AND RPL PROTOCOLS FOR LOW POWER INTERNET OF THINGS", Journal of Theoretical and Applied Information Technology, Vol. 97, No. 04, 2019.	19CDTACSIJ01
75	S. Patel, "Comparative analysis of cumulative distribution function for TCP congestion window size and triple duplicate period", International Journal of Communications Systems, Vol. 32, N. 15, pp 1-14, 2019.	19SPCACSIJ01
76	A.R. Mohindra, C. Gandhi, "A Weighted Multipath Energy-aware Clustered Stable Routing Protocol for Mobile Ad Hoc Networks", International Journal of Sensors, Wireless Communication & Control, Vol. 10, 2019.	19AMAWCSIJ01
77	M. Mavani, K. Asawa, "Resilient against spoofing in 6LoWPAN networks by temporary-private IPv6 addresses", Peer-to-Peer Networking and Applications, pp. 1-15, 2019.	19MMRACSIJ01
78	P. Mendiratta, D. Soni, "Identification of Sarcasm in Textual Data using Word Embeddings and Hyperparameter Tuning", Journal of Discrete Mathematical Science and Cryptography, 2019.	19PMIOCSIJ01
79	P. Mendiratta, D. Soni, "Identification of Sarcasm in Textual Data: A Comparative Study", Journal of Data and Information Science, 2019.	19PMIOCSIJ02
80	H.Jindal, N. Sardana, R. Mehta, "Efficient web Navigation prediction using hybrid models based on multiple evidence combinations", International Journal of Computers and Applications, pp. 1-14, 2019.	19HJEWCSIJ01
81	A. Goyal, N. Sardana, "An Empirical Study of Non-Reproducible Bugs", International Journal of System Assurance Engineering and Management, Vol. 10, No. 5, pp. 1186-1220, 2019.	19AGAECISIJ01
82	R. Kaushik, V. Khandelwal, and R.C. Jain, "An Approximation for BER of Optical Wireless System under Weak Atmospheric Turbulence using Point Estimate," Journal of Optical Communications, vol. 40, no. 4, pp. 473-479, Oct., 2019.	19RKAECIJ01
83	Ankur Bhardwaj and Shamim Akhter, "Modified Counter Based Approach for Digital Watermarking of Sequential Circuits "International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol .8 Issue.8 (2019), pp. 3409-3413	19ABMCECIJ01
84	P. Yadav, V. K. Dwivedi, B. T. Maharaj, V. Karwal, J. P. Gupta, "Performance Enhancement of 5G OFDM Systems Using Modified Raised Cosine Power Pulse", Wireless Personal Communications, Springer, Vol. 106, Issue 4, pp 2375-2386, 2019.	19PYPEECIJ01
85	B. Chaturvedi, A. Kumar and J. Mohan, "Low Voltage Operated Current-Mode First-Order Universal Filter and Sinusoidal Oscillator Suitable for Signal Processing Applications", AEU-International Journal of Electronics and Communications. vol. 99, pp. 110-118, 2019.	19BCLVECIJ01

S.No.	Full Reference	Unique ID
86	B. Chaturvedi and A. Kumar, "High CMRR Current-Mode Instrumentation Amplifier for Low Voltage and Low Power Applications," AEU-International Journal of Electronics and Communications, vol. 104, pp. 147-154, May, 2019.	19BCHCECIJ01
87	A. Kumar and B. Chaturvedi, "Realization of ASK/BPSK Modulators and Precision Full-Wave Rectifier using DXCCII," AEU-International Journal of Electronics and Communications. vol. 99, pp. 146-152, Feb., 2019.	19AKROECIJ01
88	B. Chaturvedi and A. Kumar, "Electronically Tunable First-Order Filters and Dual-Mode Multiphase Oscillator, " Circuits, Systems and Signal Processing, vol. 38, pp. 2-25, Jan., 2019.	19BCETECIJ01
89	H. Kumar, Y. Kumar, B. Mukherjee, G. Rawat, C., Kumar, B. N. pal and S. Jit, "Effects of Optical Resonance on the Performance of Metal (Pd, Au)/CdSe Quantum Dots (QDs)/ZnO QDs Optical Cavity Based Spectrum Selective Photodiodes," IEEE Trans. Nanotechnol., vol. 18, pp. 365-373, April, 2019.	19HKEOECIJ01
90	A. Upadhyaya, V. K. Dwivedi and M S Aluoni, "Interference-Limited Mixed MUD-RF/FSO Two-Way Cooperative Networks over Double Generalized Gamma Turbulence Channels," IEEE communication Letters, vol. 23, no. 9, June, 2019.	19AUILECIJ01
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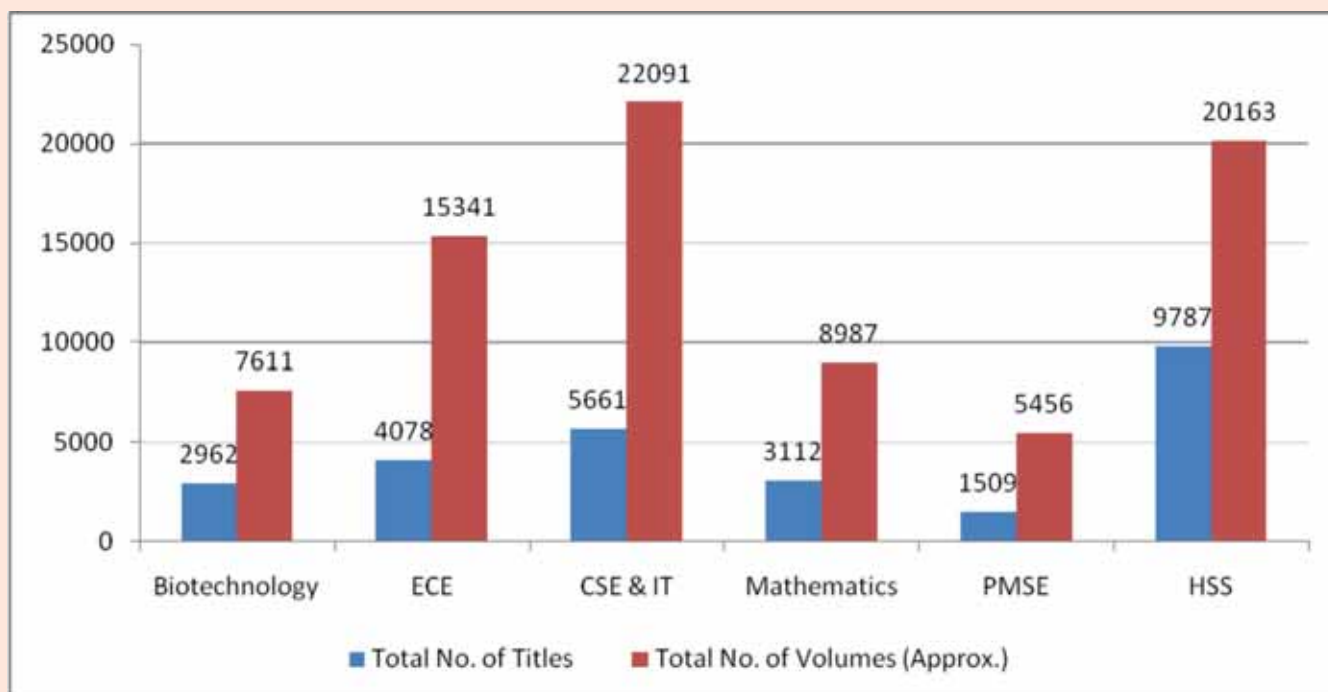
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3	IEEE published standards	4094
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SIAM (Society for Industrial and Applied Mathematics)

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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	364725

1	ACE EQUITY DATABASE	1 (One)
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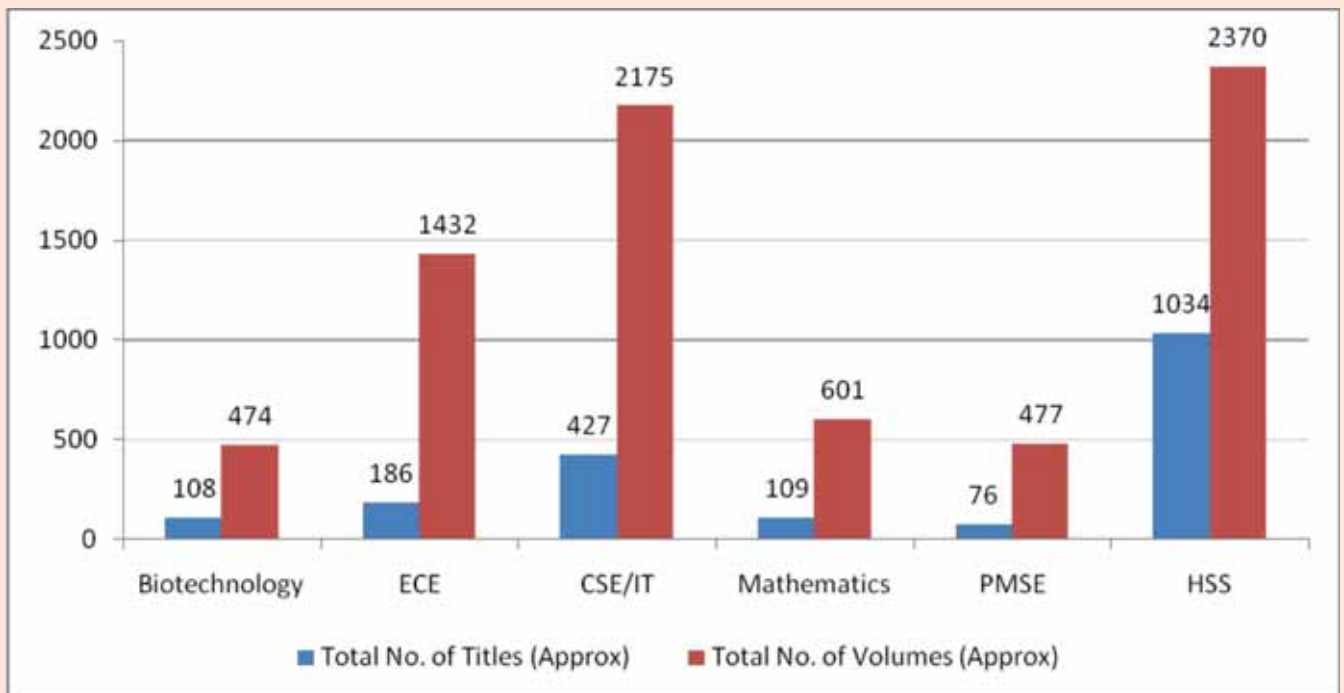
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IT INFRASTRUCTURE CENTRE

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

JIT 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 JIT 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 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 2008R2/2012/2016 Computing Server, Intel Xeon servers with multiple processors, High end Intel Pentium servers with multiple processors, various engineering and technical computing software's, 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 104 HP printers which includes Heavy Duty Network Laser Printers, Desktop Printers and Multi function Printers. Central Antivirus server provides security for entire network.

Hardware Configurations (Servers and Desktops).

Servers:

Sr.No.	Location	Server Configuration	Qty.
1	JIT Sector 62	Dual Zion Processor 3.0 ghz	3
		Processor XEON 2.8 GHz	5
		Dual core Xeon 5120 2.0 ghz	1
		Dual Zion Processor 3.0 ghz	4
		Intel XEON Pro, E5520 2.26 GHZ 8MBL2 Cache	5
		Intel Xeon Quad Core E5620 2.4 ghz	1
		Intel Xeon QUAD CORE ,E3 1220 3.10GHZ	2
		Intel Xeon 2.27 GHZ, 8 MB CACHE	2
		Intel Xeon Processor E3 1220, 3.1 Ghz	2
		INTEL XEON,CORE 8 E5-2650	2
		2XIntel XEON 8C E5 Octa Core 2630 V3, 2.5Ghz	1
		Intel Xeon E5-1620w V3 Processor, 3.50Ghz	1
		2*Intel Xeon E5-2620 V4, 2.10ghz	3
		2*Intel Xeon Silver 4114 10C85W, 2.2ghz	3

Sr.No.	Location	Server Configuration	Qty.
		HPE DL380 Gen10 4214 1P 16G 12LFF Svr	3
		Sophse XG 550 Firewall	2
2	JIIT Sector 128	2* Intel Xeon Silver 4114 10C85W, SR530	3
		Intel Xeon Quad Core 3.1Ghz, X3100-M4	3
		Intel Xeon Quad Core 2.13Ghz, X3400-M3	2
		Intel Xeon Quad Core 2.27Ghz, X3400-M2	2
		Intel Xeon 3.1Ghz, ML-110 G7	1
		Cyberoam 500ing-XP Firewall	2
		Total	53

Desktops/Laptop:

Sr. No.	Location	Model	Desktop Configuration	Qty.
1	JIIT Sector 62			
		HP D220	Celeron 2.0GHZ, HDD 40Gb, RAM: 256/512MB, MOUSE, KEYBOARD,15" monitor	4
		HP-Dc 7100	Intel Pentium 4 3.00Ghz, 512 MB RAM, 80GB HDD, CDRom	1
		HP DX-6120MT	Intel Pentium 4 - 3.00GHZ, 512Mb -RAM, 80GB SATA HDD	11
		ThinkCenter-8326	Intel P-4 3.06 Ghz, 512 Mb -RAM, 80GB HDD MB RAM	4
		Lenovo-8985-B85	Intel Dual Core 1.8 GHz, 1GB RAM, 160GB SATA HDD, CDRom	19
		Lenovo-6075E8Q	Intel Core2 Duo 2.4 GHZ, 1GB RAM, 160GB SATA HDD, CDRom	49
		HP DX-2480	Intel Core 2 Duo 2.4 GHz, 1GB RAM, 160GB SATA HDD, CDRom	51
		LENOVO 7413-A81	Intel Core 2 Duo 3.0 GHZ, 2GB RAM, 160 GB SATA HDD, DVDRom	32
		Lenovo-5474-RS7	Intel Core I3-530 Pro 2.93GHz, 2GB RAM, 250GB SATA HDD, DVD Rom	145
		HP-DX 7380		2
		HP 6200 MT PRO	Intel Core I3 3.10 GHZ, 2GB RAM, 500GB SATA HDD, DVD Rom	72
		HP 280 G1-60	Intel Core I5 3.0 GHZ ,4GB RAM, 500GB SATA HDD	60
		HP 280 G1-75	Intel Core I5 3.0 GHZ ,4GB RAM, 500GB SATA HDD	75
		P310-P500 AR Lab		6

Sr. No.	Location	Model	Desktop Configuration	Qty.
		Lenovo S510	Intel Core i5 3.0 GHZ, 8GB RAM, 500GB SATA HDD	60
		Lenovo P310	Intel Xeon E3-1225 3.3 Ghz, 8GB RAM, 1TB SATA HDD	15
		Lenovo S510	Intel Core I5,8 GB DDR4, 1TB/7200,Windows 17	31
		HP 280 G2 MT	Intel Core I5@6500 3.2 GHZ,8 GB DDR4, 1TB/7200, NVIDIA GeForce,DVDRW, Windows 10	155
		Dell Vostro-3669	Intel Core I5@7400 3.5 GHZ,8 GB DDR4, 1TB/7200, AMD Radeon,DVDRW, Windows 10	200
		HP 280 G3	Intel Core I7@7700 3.6 GHZ,8 GB DDR4, 1TB/7200, NVIDIA GeForce,Windows 10,5YW	150
		Lenovo P330	Intel Core I7@8700 3.2 GHZ,16 GB DDR4, 1TB/7200, 2GB NVIDIA,Windows 10,5YW	250
		Dell- Precision T5820	XEON W2123,16 GB DDR4, 1TB,NVIDIA GeForce,Windows 10Pro,3YW	3
		Lenovo P330	Intel Core I7@8700 3.2 GHZ,16 GB DDR4, 1TB/7200, 2GB NVIDIA,Windows 10,5YW	300
			Laptop	18
2	JIIT Sector 128	7413-A81	Lenovo Desktop, Thinkcentre M58 E, Intel Core 2 duo processor E8400(3.0 Ghz, 6Mb L3 cache, 1333Mhz FSB), Intel G41 Chipset motherboard, RAM-2GB DDR II, HDD 160GB SATA, 16X DVD ROM Drive, Onboard 10/100/1000 Ethernet Adapter, USB KBD & Optical Mouse, Win XP Professional	110
		M5474-S7	Lenovo Thinkcentre M90, Core i3-530, Processor,(2.93 Ghz, 4MB Cache) Intel Chipset Q57 Motherboard, 2GB DDR-III RAM, 250GB SATA HDD, DVD- ROM Drive, Ethernet on Board, KBD, Optical Mouse & MSWIN7PRO	90
		HP 6200PRO	HP Compaq 6200 Pro MT PC , Intel Core i3 2100 Processor(3.10Ghz, 3MB Cache), Q65 Express Chipset, 2GB DDR III 1.3Ghz RAM, 500GB-HDD 7200RPM, 16X DVDROM Drive, Ethernet on Board, HP USB KBD, Optical Mouse, MSWIN7PRO	120

Sr. No.	Location	Model	Desktop Configuration	Qty.
		MT-M5048-C93	Intel core i3-2120 Processor (3.30 Ghz, 3MB internal cache), Intel Q65 Express, RAM 4GB DDR III, HDD 500Gb SATA, DVD ROM Drive, USB KBD & Optical Mouse, Win & professional	140
		MT-M3597-3M5	Lenovo Desktop, M-72, Intel core i3-3220 Processor (3.3 Ghz, 3MB L3 Cache), Intel chipset H61 motherboard, Ram-4GB DDR III, HDD-500GB SATA, DVD ROM, 10/100/1000 Builtin Ethernet Adapter, Usb KBD & Mouse, Win 7 Professional 64 Bit	100
		HP-280-G1	HP 280G1 MT Desktop/Intel Core i5@4590s 4th Gen@3.0 GHZ/4GB RAM DDR3/ 500GB HDD/ USB Mouse, Keyboard with Win 8.1 Pro DG to Win 7 Pro OS, 3-3-3 Warranty Only, HP 21.5 " TFT LED	20
		Dell Vostro 3650MT	6th Generation Intel® Core™ i7-6700 3.4 Ghz Processor, 1 8GB Single Channel DDR3L 1600 Mhz (8GBx1), 1 TB SATA HDD 7200 rpm DVD W/R , 2GB GDDR5, 1 Windows 8.1 64 Bit	8
		Lenovo PC310	Lenovo PC310,Intel Xeon E3-1225,*MB Cache, upto 3.3 Ghz, 8GB DDR4 2133Mhz Ram UDIMM, Windows 7 Pro 64, 1TB HDD 7200RPM 3.5 SATA, Nvidia Quadro K420 2GB(DVI+DP) 3Yr Warranty	3
		HP 280 G3 MT	HP 280 G3 MT, Processor Intel core i7-7700(QC/8MB/8T/3.6Ghz/65W), RAM: 8GB 1x8GB 2400 Mhz DDR4, HDD: 1TB 7.2K RPM SATA 6Gbps, NVIDIA Gef GT730-2GB HDMI,Univ Audio,19.5" HP TFT,	50
		Lenovo P-330MT	Lenovo Think Station Tower i7-8700, 3.2GB 6C/C246 210W 85%, 16GB DDR4 2666Non-ECC UDIMM, 1TB HDD 7200 RPM 3.5 SATA 3, 2GB Graphic Card, Windows 10 Prof. 5Yr Warranty, TFT 19.5"	350
		Dell Precision T5820	Xeon W2123 Processor,16GB RAMDDR-IV, 1TB HDD, DVDRW, Win10Pro., NVIDIA Graphics (RTX2080TI), 19.5" TFT, 3Yr Warranty	2
			Laptop	2
			Total	2708

Engineering, Technical Computing and General Use Softwares.

Software Name	Software Name	Software Name
3-DMax	LabView	PSPICE
Ace Equity	LANtanner	RationalRose
Adobe Software Suite	LotusDomino	SAP
ADS	Macromedia Software Suite	SigmaPlot
Animo	Mathematica	Softlink Liberty
BorlandC++	Matlab	SPSS
Gaussion	Memspro	SymantecAntivirus
HEP-I	MSOffice	Virtuoso (Cadense VLSI UG Bundle)
Illustratorpe	MSProject	VisualStudioNET
Jboss	Oracle11g	Xilinx
KEIL	Photoshop Pe	Synopsys
Adobe Acrobat DC	Corel-2019	

Database Service.

The Server Room has a Client/ Server Database Computing System- Oracle 11g with Developer 2000 version 6.0. At the front end, the platform is Windows XP/Widnows7/Windows 8.1/ Windows 10 and at the back end, Intel Xeon basedRedHat Enterprise Linux.

Network Services.

The whole campus is interconnected through a highly secured Virtual Private Network, where over 3000 PCs are connected to the internet through Internet Leased link connections whilst 36 hi-end servers power the network for 100% redundancy and efficient data management. Completely automated High end Biometric systems for attendance of faculty and staff. Eight biometric reader machines have been installed in different academic blocks for capturing the attendance of the faculty and staff. 58 bullet cameras, 194 dome cameras, 04 CS Mount camera, 22 DVRs to monitor the various buildings including Academic areas, Faculty residence, Hostels and grounds.

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

JIIT Campus has an excellent Internet connectivity, provided through a router, Cyberoam firewall. We have 1.10 Gbps (1:1) leased circuit from BSNL NKN (1 Gbps) and AIRTEL (10Mbps) 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 SOPHOS XG-550 and Cyberoam 500i in HA mode installed for ISPs load balancing, fail over and Malware/ Spyware / Spam detection, content filtering and anti-virus protection

at the gateway level. Lotus Domino is being used by JIIT for its official mailing services. Apart from above all Lecture Theaters and major class rooms are equipped with Projection System

New Additions:(Sector-62)

Desktop Systems	: Lenovo Thinkstation P330 - 300 Nos.
Server	: HP DI380 Gen10 Storage - 3 Nos.
Laptop	: HP Probook 440G6- 2 Nos. HP Probook 440G5 - 1 Nos.
Printers Desktop	: HP 1020+ - 2 Nos. HP M1005- 1 Nos. HP Deskjet2676- 1 Nos.

New Additions :(Sector-128)

Desktop Systems	: Lenovo-Intel core i7@8700 3.2GHZ- 200 Nos.
Printers Network	: LaserJet M712DN- 3 Nos.
48 Port Cisco Switch	: WS-C-3850-48T-L - 2 Nos.
Projectors	: PA503X- 7 Nos.

ONGOING PROJECTS

Sl. No.	Particulars	Project Holder	DoS	DoE	Project Cost	Titled
1	DBT	Dr. Indira P. Sarethy	17-Jan-17	16-Jan-20	22,21,000	"Potentially novel carbohydrases (cellulase and related enzymes) for waste management from functional metagenomics library of North East India biodiversity hotspot"
2	DST	Dr. Mukesh Saraswat	20-Mar-17	19-Mar-20	26,31,640	"Design and Development of a Cognitive System for Leukocytes Identification in Hematoxylin and Eosin (H&E) Stained Rat Skin Images"
3	DST-2	Dr. Vibha Rani	21-Jun-18	20-Jun-21	36,93,800	Investigating microRNAs as the Next Generation Therapeutic Targets in Diabetic Cardiomyopathy
4	DST	Dr. Himanshu Pandey	5-Dec-18	4-Dec-21	47,30,000	Investigation of Novel Heusler Alloy Thin films for Energy and Spintronic Applications
5	DRDO	Dr. Navneet Kumar Sharma	5-Oct-17	4-Oct-20	27,71,000	"Experimental Investigations on Surface Plasmon Resonance Based Fiber Optic Refractive Index Sensors"
6	DBT	Atinderpal Kaur	28-Jul-17	27-Jul-20	26,10,000	"Development PLGA nanoparticles loaded with donepezil and memantine for Brain Drug Delivery through nasal route in Alzheimer's disease"
7	DBT-3	Dr. S. Krishna Sundari	25-Jul-17	24-Jul-20	62,10,200	"Application of customized PGPM based formulations for reclamation of soil permeated with Organophosphate pesticide residues"
8	Ayush	Dr. Pammi Gauba	27-Dec-17	26-Dec-20	41,06,920	"Evaluation of the heavy metals content in market samples of plant raw drugs used in Ayurveda"
9	ICSSR	Dr. Mukta Mani	15-Jan-18	14-Jan-20	5,50,000	"A Study on Financial Inclusion Initiative and their Impact on Performance of Commercial Banks"
10	DST-3	Dr. Anirban Pathak	24-Apr-19	23-Apr-22	2,22,06,000	"Designing & Devices and Protocols for Quantum Hacking, Random Number Generation and Secure Communication "
	TOTAL				5,17,30,560	

INTERNATIONAL LINKAGES

The Institute has developed collaboration with the following foreign educational Institutes to enhance academic development and promote research:

Collaborating University/ Organization	Salient Features
The University of Malta	To enhance better relations & exchange of expertise to boost academic development for the general interest of students & staff.
Zimbabwe Open University, Zimbabwe	The institutions recognize the mutual interests in the fields of research, development, quality assurance, and education, transfer of skills & dissemination of knowledge & promotion of international collaboration.
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 of this Certificate requires students to complete a minimum of 12 credits of approved courses at University of Florida with a grade of C or better on each course. • University of Florida is offering engineering professionals located in India, the opportunity to earn a Master of Science Degree through Electronic Delivery of Graduate Engineer program ("EDGE Program") at JIT in subject areas- Civil and Coastal Engineering, Computer & Information Science Engineering, Electrical & Computer Engineering, Environmental Engineering Sciences, Materials Science & Engineering and Mechanical & Aerospace Engineering.

ACADEMIC ADMINISTRATION

Admission Process

➤ UG Program:

The admissions in the academic session 2019-2020 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 in addition to the merit of JEE (Main) ranking.

➤ PG Program:

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

The admission to MBA program was based on CAT/MAT/XAT/CMAT/GMAT/ATMA score followed by Written Communication Skill Test and Group Discussion/Interviews.

➤ PhD:

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

Faculty

➤ The Unique feature of the Institute is the high quality of faculty on its rolls. The list of the Faculty along with qualification is as per **Appendix-B**.

➤ Visiting /Guest Faculty

Eminent Academicians and eminent industry persons are associated with JIIT as visiting faculty for conduct of specialised classes. Currently there are 6 guest faculty members with the University. In addition specialists' faculty of institutes of Jaypee Education System in respective fields also visit JIIT.

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 meritorious students with economically weak condition who are admitted to JIIT. Eligible students are granted tuition fee waiver of one semester in a academic year. The scheme has been operational since the year 2004-05.

➤ **Admission To Meritorious Students :** The JIIT Management has approved that students who take admission in the first year of the 4-year UG program, with an All India Rank of less than 1000 in the JEE (Main) conducted by CBSE, shall be provided free education for the entire duration of under graduate program.

JIIT YOUTH CLUB (JYC)

JYC Activities at Sector-62 Campus

Crescendo-Music Hub- Dr. Krishna Sundari

To provide a platform for everyone who has music in their soul ,across streams and across years from various genres to collaborate musically in live performance sessions and showcase a combination of myriad musical influences, from Hindustani, Carnatic, and Indian folk to contemporary, hip-hop, rock & pop music

Events conducted:

1. Gandhi Jayanti 2019

Date/ Venue/ Time – 02 October 2019 / Auditorium / 9:30 A.M. - 11:30 A.M.

Number of Participants – 21

Brief Description – To remember the sacrifice of the Father of our Nation, the auspicious day 2nd October is celebrated in the premises of Jaypee Institute of Information Technology. On the occasion of his 150th birthday, Crescendo the music hub of JIIT, presented their love and respect to Mahatma Gandhi by performing his favourite Bhajans- Raghupati Raghav, Bande me tha Dum and Vaishnav Jan. The ceremony was concluded with the National Anthem. The entire team's contribution (on stage or off stage) resulted in the success of the event.



2. Unplugged 2k19

Date/Venue/Time – 08 November 2019 / Portico (Near Volleyball Court)/5 P.M. - 9 P.M.

Number of Participants – 49

Brief Description - Tagged as the 'flagship event' of Crescendo, Unplugged is hosted independently by our hub. It is an evening full of live performances and DJ. The event takes place in the month of October/November when the weather is just about right.

Preparations start around a month prior and the Auditions are open to all Students from JIIT - 128 participate as well and the crowd is the most enthusiastic of all.



3. BioTech Conference

Date/ Venue/ Time - 30 January 2020 / Auditorium / 6 P.M. - 8 P.M.

Number of Participants – 15

Brief Description - In this, participants from Crescendo performed a Saraswati Vandana in the Inaugural Ceremony and later performed a powerful Western Medley and a soulful Qawwali to end the Cultural Night.



4. HSS Conference

Date/Venue/Time – 06 February 2020 / Auditorium / 9:00 A.M. - 10:00 A.M.

Number of Participants – 3

Brief Description - In this, participants from Crescendo performed a Saraswati Vandana in the Inaugural Ceremony.



Sahil Rastogi

5. PMSE Conference

Date/ Venue/ Time - 20 February 2020 / Auditorium / 9:00 A.M. - 11:00 A.M.

Number of Participants – 10

Brief Description - In this, participants from Crescendo performed a Saraswati Vandana in the Inaugural Ceremony and sung the National Anthem.



6. Impressions 2020 (Voice of Impressions & Antakshari)

Date/Venue/Time - 29 February 2020 / G6 / 12:00 P.M. - 3:00 P.M. (Antakshari)

1st March, 2020 / Near JBS / 12:00 P.M. - 4:00 P.M. (Voice of Impressions)

Number of Participants - Antakshari – 30

VOI - 23 event Participants + 15 internal participants (Coordinators+Volunteers)

Brief Description - VOI : With the fest around the corner, Crescendo brings to you the Voice of Impressions-a stage to showcase your singing talent to the world. Voice of Impressions consists of two rounds: the first round is an online round where participants from all colleges can send in videos which will then get uploaded to the official pages of Crescendo on both Facebook and Instagram. The videos with maximum likes/shares/comments, along with the choice of the judges, will be considered for the next round. The second and final round of VOI is held on the day of the fest wherein the qualified participants are required to perform before a panel of judges who judge them on the basis of their musical talents.

Cash Prizes - 1st Prize - ` 2500

2nd Prize - Tie-Breaker between 2 participants - ` 1000 each

ANTAKSHARI : It is a competition to judge the participants' music database. It is a light hearted event which consists of three rounds. In the first round, participants are required to guess the song on the basis of the music played. In the second round, participants are shown a video and asked to identify the song. The third round is basic Antakshari where the participants have to sing a song based on the last syllable of the previous song. The last man standing in the final round is declared the winner.

Cash Prizes - 1st Prize - ` 1000

2nd Prize - ` 750



CICE-Mr. Atul Kr. Srivastava:

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

Event Details: -

Workshops

1. Workshop for Hardware Creativity for Social Cause –

Duration: August 19, 2019 – August 24, 2019

This workshop was focused for the first and second year students. This was an introductory workshop where students were taught about the basic circuit elements and making of a temporary circuit on a breadboard. The topic for the innovation was 'Sensitive Processing Gate' comprising three parts: Metal Detector, Person Counter and Intruder Detector. This workshop was very successful with over 175 participants.

2. PCB Fabrication Workshop –

Duration: September 26, 2019 – October 02, 2019

Printed Circuit Boards or PCB's are the replacement for loose wire circuits, it is very troublesome to make complex circuits with loose wires on breadboard and then if it has any loose connections, it can take a lot of time to debug the circuit. PCB is the answer for these entire problems.

In this workshop, students were told how to fabricate Single Layer PCB's using Cadsoft Eagle to make the design and layout. More than 200 participated and over 150 Arduino UNO boards were successfully completed by the students.

3. ML Workshop –

Duration: January 27, 2020 – February 04, 2020

Many times we fail to succeed in the completion of a project due to the lack of technical knowledge and exposure. After the accomplishment of the Hardware and PCB Fabrication Workshop we organised our final workshop on and about Machine Learning, the new buzz of the technical world. Here we gave a basic insight to the students of the highly diverse field of Machine Learning and Deep Learning. 9

Events

1. Project Exhibition and Orientation an Orientation Program on Innovative Hardware Prototypes was organized by The Creativity and Innovation Cell in Electronics Hub for the first year students to make them aware about the impending social problems prevalent in the society and how, we as the budding engineers can effectively utilize technology to make a breakthrough in the field. This project exhibition was held before an orientation lecture to give a brief introduction of the hub to the students and attract the students towards post academic activities like the workshops.

Events at VIDYUT 2019

Vidyut is basically an amalgamation of what we did in our academic session before.

The purpose behind Vidyut Is to encourage the students for making innovative prototypes in different fields

2. **Project Exhibition** - Recommencing our tradition of project exhibition as a part of the Electronic fest Vidyut we organised this project exhibition with participation of first and second year students.
3. **Circuitronix** – This was a technical event held in many stages including one online round.
4. **Amperio** – This event was a techno-fun event with rounds like Pictionary with a technical twist.
5. **Roll it Solve it Win it** – For the last event of the day we had a very interesting and exciting fun event. A treasure hunt with hints and clues hidden all over our college.

Events at IMPRESSIONS 2020

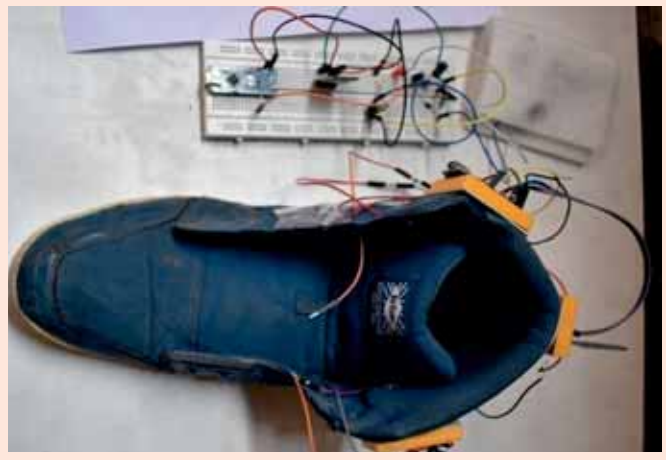
6. **Circuit Charades** - It was a pen and paper quiz based on general electronics knowledge.
7. **World of Wire (WOW)** – This event included three rounds, each to test your technical ability in different ways.
8. **Hakuna Matata** – To add to the fun and euphoria of the fest we had this very interesting round where the participant had to give wrong answers to simple questions while doing a fun activity.

HARDWARE WORKSHOP

PCB Workshop




Vidyut



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

The Biotechnology Hub of JIIT involves students in societal projects/events enhancing their technological knowledge and soft skills resulting in their overall development. The hub tries to bring together the aspects of biology and technology and organizes both, technical and non-technical events are organized by the hub.

Events conducted:

S. NO.	EVENT	DESCRIPTION	DATE	PARTICIPANTS	RANKERS	PHOTOS
1.	Comic.ally	Participants sketched their own comics to tell any short story that they wanted to tell.	29/02/20	85	1st-MUSKAN JAIN 2nd-VISHRUTI CHAUHAN 3rd-AMITA TIWARI 3rd-SNEHA AGRAWAL	
2.	Slossed	A jigsaw puzzle event, where participants were given jigsaw pieces everytime they guessed the right answers of questions, and the questions based on Bollywood 90's stars.	01/03/20	32 Teams	1st-SANKALP BHARADWAJ 2nd-ISHITA PANDEY	 

S. NO.	EVENT	DESCRIPTION	DATE	PARTICIPANTS	RANKERS	PHOTOS
3.	Pollutdo	<p>“POLLUTDO” to instill a sense of sustainable development but in an amusing way. The event comprises of 3 distinct rounds:</p> <p>1) Eco-Quizitive: An audio visual quiz</p> <p>2) Wordplay: A crossword puzzle</p> <p>3) Treasure Hunt: Hunting for a better living</p> <p>The event is broadly based on the theme of environmental pollution and the winners stand a chance to win exciting prizes worth waiting for!</p>	18/11/19	34 Teams	1st-SONAL	
4.	Hydroponics	<p>“Mr. Akash Subramanian (COO and Co-founder) with a vision to use the technical skills he gained during his graduation at JIIT translated the knowledge to deliverables with his entrepreneurial venture. An IIC event organised by RIBOSE: The Technical Hub of JIIT, will provide a platform for making the students and researchers aware about hydroponics and it’s importance along with live demonstration of hydroponics unit.</p>	07/01/20	100+	NO WINNER	

It’s Our Earth- Dr. Swati Sharma

This student hub commit themselves to developing and maintaining an environment that fosters student empowerment for social and environmental development. For past two years the students have been organizing events like Tree Plantation, Say No to Drugs, Donation camps for the underprivileged, etc.

Events conducted:

1. EVENT: CLOTH DONATION

DATE: 17 November 2019

ABOUT: Clothes are one of the basic amenities in our life and still many are deprived of it. In

winter many lower class people face problems and due to that they suffer from many diseases that are dangerous for them as well as for society. Helping others is beneficial to not just those on the receiving end, but the ones doing the helping as well and by donating clothes, we are not just helping people but nature also.

DESCRIPTION & PARTICIPATION: That one dress we no longer need can help someone to survive. Keeping this in mind the hub organized a cloth donation event in which students were requested to donate their clothes that they no longer need and can be reused by someone. Empty cartons were kept in many places in the campus for clothes. Many people came forward and donated clothes. The clothes were taken to the nearby slum to distribute.

2. **EVENT: AIDS AWARENESS**

DATE: 30 November 2019

***ABOUT:** College students' HIV testing behaviors are important to understand, given their high rates of risky sexual behaviors and epidemiologic evidence of increasing heterosexual transmission of HIV. HIV causes AIDS and interferes with the body's ability to fight infections. The virus can be transmitted through contact with infected blood, semen or vaginal fluids.

***EVENT DISCRIPTION and PARTICIPATION:** Many faculties along with the students participated in the AIDS awareness campus. A board was set-up and decorated with the theme of AIDS awareness and all the participants were requested to pen up their knowledge about AIDS on a sticky note which was then pinned on the board. All the participants were provided with red crossed ribbons after sharing their knowledge about the AIDS awareness. Organizing this event was very helpful in spreading awareness about AIDS.

3. **EVENT: VESTIGE**

DATE: 29 February 2020

ABOUT: Events bring people together to enjoy new experiences. But in order to get attendees through the door, you'll need to come up with a great name that grabs their attention and piques their interest. Good event names and good games can grab you more people.

DISCRIPTION AND PARTICIPATION: This event was part of our college's fest'20. Students participation was high. There were multiple teams who played in three rounds. First was a quiz. Second was to identify cartoon characters and the third was to stock market currency. Top three teams were provided with gift hampers.

4. **Event: Abstruse**

Date: 1 March 2020*

ABOUT : A fun event organized during Impressions'20. It is pretty difficult to crack the code of mystery. For fun and enjoyment of the students participating.

***Event Description and Participation: ***

Many students have participated in Abstruse. There were two jostlings and startling eliminator's which tested intelligence and knowledge. In the first-round, answers were provided to teams and they had to frame questions accordingly. In the second round, there was a basic quiz in which the majority of common answers won. And the final round was 'Mock CID' in which individual teams have to solve code to get a phone number, and they have to WhatsApp that number through which they get some clue to solve the mystery of a bomb and they have to decode that bomb.

It's Our Earth- Dr. Swati Sharma

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

Events conducted: 1. **NAME OF EVENT-** Pageturners Orientation And Quiz Events

Date Venue Time : 04 September 2019 ,G1, 5pm-6:30pm

Brief description- An knowledge enhancement even and Orientation was held to introduce the hub to the students. They were told about the activities performed by the hub throughout the years while also discussing what they would like us to organize in accordance with their interests.

A quiz with three levels and with respective level prizes were executed smoothly. The events revolved around books and tv series, the major concern of the hub. The aim was to cultivate the idea of interest and knowledge gaining with a mix of the reward system in the freshers towards the hub.

It can be claimed as well achieved with the interest received.

Number of Participants- 35



2. NAME OF THE EVENT: HULT PRIZE

Date Venue Time : 03 December 2019,LT4, 5 PM-7 PM

Brief Description- "Can we build bold businesses that have a positive impact on our planet with every sale completed, dollar earned, and decision made?"

This was the challenge problem of the Year 2020,

"Hult Prize", an initiative by the United Nations, aiming at supporting transformative models that change the very nature of supply chains, that introduce radically new business models.

Top 6 finalist from around the world would have competed to claim the cash prize worth USD1,000,000.

For Level 1, all the teams from the college with a team size of 3-4 member competed against each other by proposing a model on the proposed problem mentioned above via PPT, out of which only 1 team qualified for the regionals. There were participants from NSUT also thus making competition intercollege.



3. NAME OF EVENT- ANNUAL BOOK EXCHANGE AND LIBRARY FORMATION FROM 2019

Date Venue Time : Time 15 January 2020, G9, 5pm-6:30pm

Brief Description- This event marked the growth as Individuals within the hub. Everyone was given an opportunity to speak about their much loved novels. Which came out to a very interesting and worthy opportunity. Next we exchanged a few books across the room to fulfil the purpose of having more to read more. Even though volunteering based this part of the event embarked on great success.

Lastly, We started a new Library System within the hub to provide better options to read and to cultivate the habit of reading which also can be claimed as a success.

Number of Participants- 24

4. NAME OF THE EVENT: INKIT, IMPRESSIONS'20

Date Venue Time: 01 March 2020, G11, 2 PM-4 PM

Brief Description- IT was the grand event scheduled on Impressions for all adherent book lovers by PTS, a published writer was also invited to moderate the event. The event was divided into 2 parts, part 1 is literature, cartoon and comics based quiz to test the knowledge of participants. After passing this segment the second event was "What's you're* story?" This segment beholds the creative aspect wherein a sentence is given to the contestant and a short story is to be presented on stage with the compulsion to include the sentence allotted which was judged by the faculty coordinator and invited guest author.

The event was a huge success wherein the interaction of intellectuals made everything so grand and content rich.

At the end, there was a session with our published writer where he discussed the struggles of being an author and giving tips to future aspiring authors of Jaypee.

Number of participants: 46



Radiance- Dr. Chetna Dabas

The effulgence of innocence and glow of mirth was felt as an audience to the exhibition of talents by the students and little faculty kids during these events. The stage events of Radiance came alive when the students presented an amalgamation of amplification of self confidence and extempore. These events focused at leveraging an opportunity to the students and little star kids to polish their skills by opening new vistas for them. The flagship of audience ignited the passion of the participants for performing arts and further stimulated them to deliver stupendous performance

Events conducted:

Ebullience 2019-Event: Mr & Ms Ebullience 2019

Impressions 2020

Event 1: Mr & Ms Impressions 2020

Event 2: Theme Walk 2020

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

1.) Joust

Date- 28-29 September 2019

Joust is the annual literary fest organized by Parola. This year it consisted of nine diverse literary events. The events conducted under Joust 2019 were:

- NIC- A bilingual committee following the Youth Parliament/Stakeholders Meet format.
- UNESCO- A committee following the UNA USA set of procedures.
- IOM- A committee following the UNA USA set of procedures.
- Press- An event comprising of journalistic and photography events.
- Tarksangram- A Hindi quasi parliamentary style debate. The competition is our flagship event and awards the running trophy.
- Cerebrate- An English Conventional Debate.
- Penned- A creative writing competition.
- Verses- A poetry competition.
- Inquizzitive- A quiz

Joust saw participation from several colleges from all over Delhi NCR.

2.) Jaypee Model United Nations

Date- 18-19 January 2020

JMUN is annual MUN of Jaypee and this year celebrated its tenth edition. It consisted of 6 committees which were as follows

- Lok Sabha- A bilingual committee following the Youth Parliament Format.
- UNGA Specpol- A committee following the UNA USA set of procedures.
- UNODC- A committee following the UNA USA set of procedures.
- UNHRC- A committee following the UNA USA set of procedures.
- UNSC- A committee following the UNA USA set of procedures.
- International Media Convention- This unique first of its kind committee had special rules designed for it by the judges.

JMUN saw participation from several colleges from all over the country.

3.) Vivaad

Date- 29 February 2020

Vivaad is the bilingual conventional debate organized every year on fest. It sees participation from colleges all over Delhi NCR.

Ecoquence- Dr. Pammi Gauba and Dr Neeraj Wadhwa

<https://www.facebook.com/EcoQuenceJIT/>

Events conducted:

Nil in the given time period

Jhankaar-Dance Hub- Dr. Smriti Gaur

Hub is known for showcasing the inborn talent and calibre to dance. The infinite love and passion for dancing bring out the inner core of us through the stage. It also nurtures various students interested in dancing, want to participate and enhance their skills through our different well trained and highly ardent dance troops like

Events conducted:**1) Name of the Event: Ethnic Night 2019****Date Venue Time:** 12 October 2019/ OAT / 5PM -8:30PM**Brief Description:**

The annual cultural event of Jhankaar, Ethnic Night 2019 was held on 12th October 2019. The event witnessed a magnificent crowd of more than 2500+ students in beautiful traditional attires and vibrant colors. Our three troupes, Music Made Visible (MMV), Nrityang- The Indian and Classical troupe and Surkhaab- The Bhangra troupe gave scintillating performances accompanied by a short performance by our new enthusiastic BBA students followed by DJ for students. To add more Indian touch to the event, 'dholwale' were called in the last half hour to end the event with full energy. Jaypee Youth Club (JYC) also had their launch for the annual techno cultural event Impressions 2020. A wide variety of food stalls were arranged which served some really delectable food items which were enjoyed by all the students.

Number of Participants: 80**Name of event:-** Mayuri- Indian Folk Group Dance Competition **Date Venue Time:** 01 March 2020 Auditorium 3:00PM- 5:00PM**Brief Description:**

Mayuri- Indian Folk Group Dance Competition was organised during Impressions'20. Teams from reputed DU colleges like Dayal Singh, Maitreyi College and many more participated in the event. The event focused on bringing to light the folk dance forms that are quite prevalent like Bhangra, Haryanvi, etc.

Winners:-

1st prize- Nrityakriti (Maitreyi College)

2nd prize- Nataraj (Maharaja Agrasen College)

2) Name of event:- Phoenix- Solo Dance Competition (Indian) Date Venue Time:

29 February 2020 / Auditorium / 10:30AM- 12:00PM

Brief Description:

Phoenix- Solo Dance Competition (Indian) was organised during Impressions'20. Various Indian dance forms were performed like Bhangra, Kathak, and other classical and folk forms. It was an inter college event having participation from our college as well as outside colleges.

Winners:-

1st prize- Kanishka Khurana (Janki Devi Memorial College) 2nd prize- Muskan Shrivastav (Delhi University)

Name of event:- Phoenix- Solo Dance Competition (Western) Date Venue Time:

29 February 2020 /Auditorium/ 10:30AM- 12:00PM

Brief Description: Phoenix- Solo Dance Competition (Western) was organised during Impressions'20. Various western dance forms were performed like Contemporary, Hip Hop, etc. It was an inter college event having participation from our college as well as outside colleges.**Winners:-**

1st prize- Raja (IP University)

2nd prize- Ritik (Shyam Lal College)

The Thespian Circle- The Dramatics Society, JIIT'62- Chandrima Chaudhary

The Thespian Circle was born out of labour, many hours of sweat and mostly from the love of art. Passion is the key if there is no passion the stage must be abandoned. To keep your fire burning and

to introduce to you a few things we can do to make all our events a success here are some very basic Do's and Don'ts

Events conducted:

Event Name	Date	About	No of Participants	Winners
Induction Programme	24/07/2019	A showcase of what The Thespian Circle is about, well thought-out acts displaying our versatility, welcoming the new students into the Thespian Family, in a fun way!	28	None
Orientation of THE THESPIAN CIRCLE	09/08/2019	The orientation program Of the Thespian Circle was organized to introduce the freshers with the hub and its culture. It consisted of a course of plays portraying various genres and types of Theatre. The newly arrived students were delighted by the performances. This event proved to be pivotal in getting the overwhelming response to all the other events which the hub received throughout the following year.	28	None
Ebullience Play	31/08/2019	After presenting back to back reels of utter hilariousness like "Pandav ka Tandav" and "Abba Nahi Maanenge" over the course of the last two nights of Ebullience, The Thespian Circle is back again to set the stage on fire with yet another fascinating and enthralling piece of work, "Balidan Dena Hoga". You think you know what it is but you actually don't! So do come to witness how seriousness turns into tragedy which is now a source of comedy.	22	None
Auditions Round 1	04/09/2019	A day where the first year's left the audience amazed with their performances showing why they deserved to be in the most Energetic hub of the college! A tough day for the judges to select the top talents.	23	None

Event Name	Date	About	No of Participants	Winners
Auditions Round 2	10/09/2020	It was tough to get through day two as for auditions it was the last chance to be a part of prestigious hub and auditions were in pressure to select the handfull of candidates from a talented lot who made through day one.	27	None
Gandhi Jayanti Play	02/10/2019	The Thespian Circle celebrated the day of Gandhi Jayanti by giving a heart warming performance that was led by the principles and ideology of Mahatma Gandhi who's ideas of secularism, equality and unity in a country like India were very ahead of the times.The play highlights the freedom struggle in all its glory.	14	None
Social Outreach	15/11/2019	The play "Shh" is about the hypocritic behavior of the society towards the sexual taboos.We keep quiet and see all the mishappenings with open eyes. Parents teach their children about morality, teachers give them the academic knowledge but one of the most important educations is left untouched: SEX EDUCATION. The play concludes that this silence is not going to take us anywhere, the problem is in our thoughts which need to be rectified.	30	None
External Participation (Lalkaar 20)	28/01/2020	Our team gave a wonderful performance at the annual cultural festival of Shaheed Rajguru College of Applied Sciences. Our play "Shh.." touched upon many topics under sex education highlighting its importance in India. Not only is having access to sex education that is comprehensive a human right, it's our fundamental duty as a society to educate the next generation.	20	None

Event Name	Date	About	No of Participants	Winners
Bio-Tech Conference Play	30/01/2020	With Biotech conference, we got the opportunity to highlight the diverse culture and heritage of our country as the team presented a stage play 'Ek Sapna' with a blend of comedy and patriotism thus differentiating the real India.	17	None
Jaypee Institute of Information Technology- Sec128 (Converge) Street Play	02/02/2020	The play highlighted the silence of the society on issues such as pornography, child molestation and men rape. The play had light comedy and satire on the knowledge and practices in society. Depicting the perception about women in today's world, if misled from media which is usually their source of information.	22	D h w a n i - The Theatre Society of ANDC
Jaypee Institute of Information Technology- Sec128 (Converge) Open Mic	02/02/2020	Open mic organised by the dramatics society of JIIT 128	1	Muaz ul hasan (TTC Member) Muaz ul hasan
External Participation (Shyahi-20)	15/02/2020	Bilingual open mic event organised at DTU	1	(TTC Member) (Runner up)
Jaypee Institute of Information Technology Sec62 (Impressions) Street Play	29/02/2020	The play "It's all business" is about the present condition of the media houses in India and the resistance and outcomes a journalist faces if he/she tries to cover something which should be brought into the audience's sight but is against the will of the entities in authority.	30	Abhiviya kti
Jaypee Institute of Information Technology- Sec 62 (Impressions) Stage	01/03/2020	Revisit some age old love stories along with a modern one in our Annual Stage Production " < kbz vk [kj " on 1st March at Rangmanch'20 - the stage play event.	10	Tryambakam- The Dramas oc of Rajdhani Delhi

Event Name	Date	About	No of Participants	Winners
Memedemic: The meme making competition	22/03/2020	Amidst the palpable tension developing in the atmosphere, the thespian circle presented to you the online meme competition MEMEDEMIC to enlighten you and release the pressure off you.	70	Prerna jha 1st year
Online external participation (v4v-be on the street)	11/05/2020	The Thespian Circle participated online in v4v competition organised by Be.artsy foundation, the competition comprised of three stages. Our street play "Shhhhh" was appreciated much on online platforms hence we qualified for the second round where we presented a poem with the theme "Money Matters", final round consisted of a group discussion. Several dramatic societies took part in this competition from all over India and The Thespian Circle secured 4th position.	54 Teams	4th Position

UcR-Robotics Hub- Ms. Hema N.

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

Events and Workshops conducted:

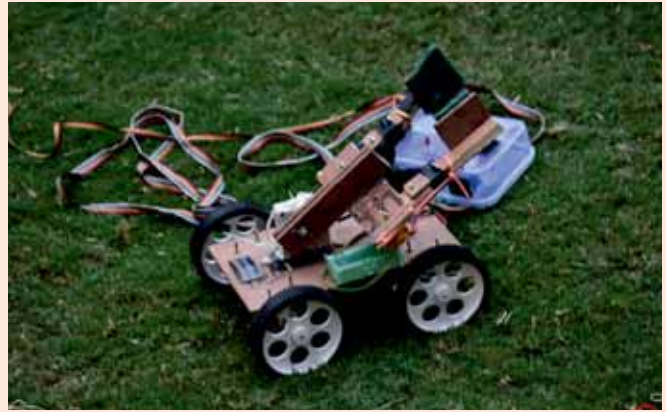
Name of the Hub: MICROCONTROLLER BASED SYSTEMS AND ROBOTICS HUB

Name of the Event: Manual robotics orientation, workshop and event.

Date Venue Time: Held on 03-04 October 2019 /OAT / 5:00 PM to 11:00 PM.

Brief Description: Eximietas marked the annual robotics event organised by our hub. This event is a testament of the workshop that we conduct every year where we teach the 1st years how to make manual bots. Eximietas consisted of the competition between the bots made by the various participating groups. The event turned out to be an extremely successful event witnessing a participation of about 40 groups consisting of 4 members each. The event was also attended by various students from 1st, 2nd, 3rd, and 4th year along with various alumni. The reviews were positive and all the attendees remarked positively.

Number of Participants: 148



Winners Information (if any):

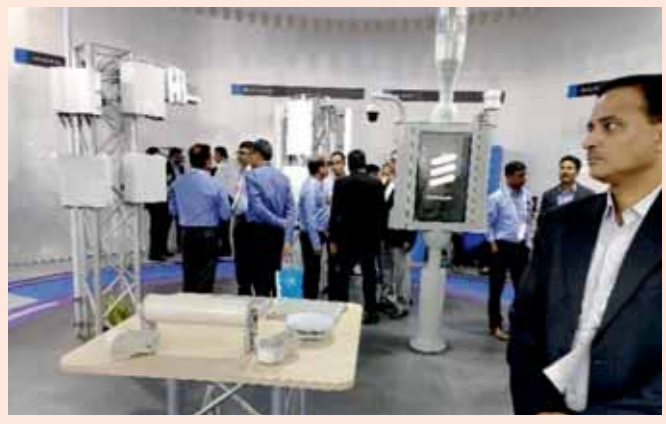
1. Mradul(19103203/CSE), Ayushi(19103295/CSE), Ishansh(19103286/CSE), Samay(19103292/CSE)
2. Vishal (19103261/CSE), Shikhar (19103262/CSE), Anvit(19103260/CSE), Shivam(19103264/CSE)
3. Sanyam(19102073/ECE), Pradumn(19102048/ECE), Naman(19103047/CSE)

Name of the Event: IMC

Date Venue Time: 14 - 16 October 2019 /IMC premises Aerocity / 10:00 AM to 6:00 PM

Brief Description: IMC is the biggest digital technology event in South Asia. It provides various opportunities for young students to experience and understand the latest technology trends from across the world. The platform sees a greater international presence with over 10 Partner Countries, 130+ Global Speakers, 300+ Exhibitors, 1,000+ International Media & 75,000+ visitors.

Number of Participants: 146





Winners Information (if any): No Winners.

Name of the Event: Techfest '20

Date Venue Time: Techfest is the annual technical fest of IIT-B held around December/January. Techfest is recognised as Asia's largest Science and Technology festival with a footfall of more than 1,75,000 annually and a reach of over 2500+ Indian colleges and over 500+ colleges abroad. The 23rd edition of the festival was held from 3rd January to 5th January 2020. The event witnessed a great participation from the students of JIIT in various competitions like Row-boatics, codecode, CozmoClench, etc.



Name of the Event: Autonomous Orientation & Workshop

Date Venue Time: Orientation was held on 13/01/2020 and Workshop was held from 27/01/2020 to 04/02/2020 in LT-1 from 05:00 PM to 07:00 PM

Brief Description: Microcontroller based systems and Robotics Hub (μ CR), is the Robotics hub of Jaypee Institute of Information Technology. We develop and promote the interest of students in both manual and autonomous robotics. Our students have been performing exceedingly well not only in our college events but also in the intercollege events organized by IITs, NITs and DTU.

Number of Participants: 60

Name of the Event: Exaltan '20 in Impressions '20

Date Venue Time: On 29 February 2020 from 12:00 PM to 05:00 PM and on 01 March 2020 from 01:00 PM to 05:00 PM in JBS Atrium and G11, G13.

Brief Description: We organize various events and workshops in our college for promoting the interest of students. We organized manual as well as autonomous events in the college annual fest IMPRESSIONS. In IMPRESSIONS'19, we organized a total of four events which saw a participation of about 150 teams with maximum of 4 members in each team in which 3 teams participated from other colleges (NSUT,DTU,JSS).



Number of Participants:

IMPRESSIONS: -	29 February - 01 March 2020	
Thomas and Friends (LFR)	01 March 2020	23 teams with 4 members
Galactik Football (RoboSoccer)	29 February 2020	60 teams with 2 members
Courage The Cowardly Coder (Drink 'n Code)	01 March 2020	30 teams with 1 member
Bob The Builder (Build-A-Thon)	29 February 2020	15 teams with 2 members
		External Participants: NSUT, DTU,JSS,ABES(4 Teams)



Kalakriti Rangoli Hub- Dr Swati Sharma

Kalakriti is the art hub of JIIT-62. Apart from drawing, painting and sketching, the hub also promotes conventional, floral and junk rangoli, best out of waste, digital creative and even sand art. During the online semester, Kalakriti has been active on its social media pages and has organised an online art contest

Events conducted:

Name of the Hub: Kalakriti

Type of the Hub: Non-Technical

Faculty Coordinator: Dr Swati Sharma

Student Coordinator:

Objective of the Hub:-

Encouraging students to divert their mind in some hobby, and developing creative thinking. Building a community for students to practice and share their artistic ideas. Building a team responsible for making Rangoli or event decoration for various college conferences. Organising non-technical events which engage participants in creative thinking and bring out their artistic side.

LIST OF ALL EVENTS ORGANIZED:

1. Orientation and Photoshop workshop

Date/Venue/Time: 12 August 2019 / G1 / 5:00 pm

Participants: 12

Description: Brief Introduction of our hub and its activities to the students. Organised photoshop workshop to familiarize new students with digital art.

2. Poster making Competition

Date/Venue/Time: 30 September 2019 / JBS Atrium / 5:00 pm

Participants: 10

Description: Organized Poster making competition in collaboration with NSS JIIT-62 celebrating 150th Birth Anniversary of Mahatma Gandhi. The participants were asked to make a poster on the same theme. The posters were then displayed on the OAT stage during Gandhi Jayanti Celebration.

Winners:

1st Position: Amit Patil & Simran Jain

2nd Position: Astha Sachan

3rd Position: Muskan Jain

Prize: Participation Certificate



3. TV Trivia

Date/Venue/Time: 29 February 2020 / G8 / 3:00 pm

Participants: 90

Description:

Fun quiz related to various TV shows from our childhood. The participants were asked to form a group of 2 or 3 students. The quiz is divided into 3 elimination rounds.

Winners:

Position Secured	Team	Members	Enrollment Number	Contact Number
1st position	Allied Chess	Hritik Nigam	18104055	8090702020
		Arjun Chauhan	9918103063	
		Amrit Srivastav	18104070	
2nd position	Ghost Riders	Anubhav Sinha	17103135	8475839424
		Pranja	17103162	
		Siddharth	17103070	
3rd position	Boycott	Aman Khare	17103043	7388104777
		Dharmesh Singh	17103279	

Prizes:

1st prize: Gift Hamper (food items) worth Rs 260 and Cash prize of Rs 300.

2nd prize: Gift Hamper (food items) worth Rs 180 and Cash prize of Rs 200

3rd prize: Gift Hamper (food items)



4. Viverra Artis

Date/Venue/Time: 29 February 2020 / G3 / 1:00 pm

Participants: 17

Description: The participants were asked to recreate their favourite cartoon character

Winners:

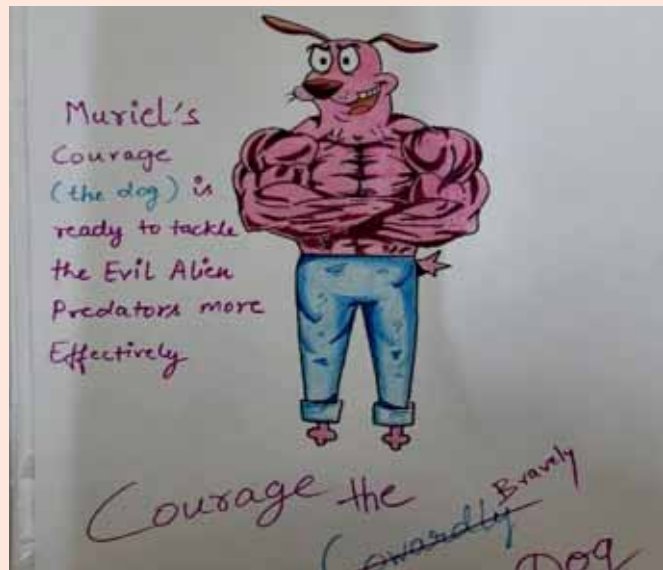
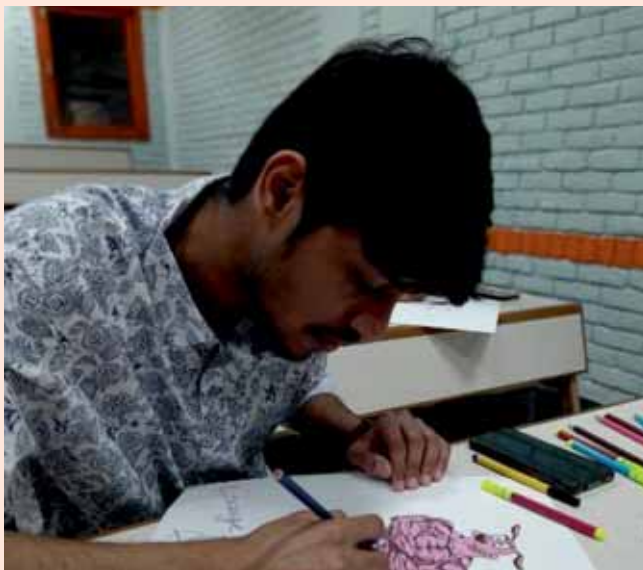
Position	Name	Enrollment	Contact Number
1st position	Deeptanshu Sharma	17103098	9758828471
2nd position	Naman Gupta	17102041	9870693552
3rd position	Harsh Gupta	18103068	7906177128

Prizes:

1st prize: Gift Hamper (food items) worth Rs 240 and Cash prize of Rs 300.

2nd prize: Gift Hamper (food items) worth Rs 160 and Cash prize of Rs 200

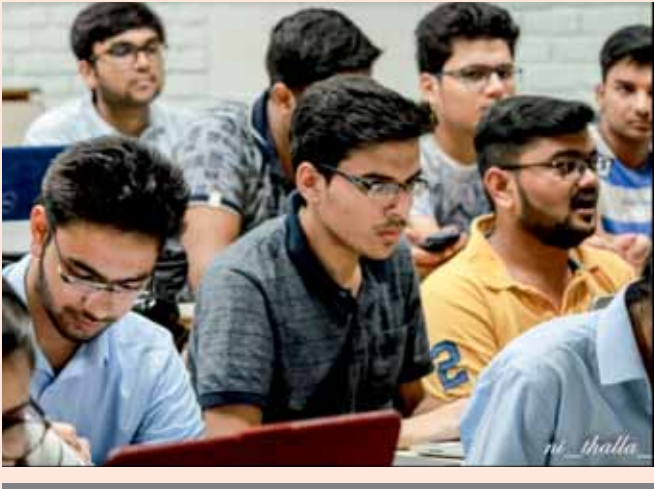
3rd prize: Gift Hamper (food items) worth Rs 100



JPEG-Photography Hub- Dr. Manish Thakur

JPEG (Jaypee Photographic Enthusiasts Guild) is the photography society of JIIT Noida. Aim of this hub is to provide basic learning in the field of photography by introducing to various photography tools, gadgets (like DSLR, tripods, various lenses etc.) and related skills. Often the hub conducts workshops to brush up editing skills and provide basic learning to new comers by introducing various techniques.

Events conducted:**DSC:****Events conducted: Name of the Event:** Uno Dos Tres**Date Venue Time:** 24 February 2019 / Within Campus / 10 a.m.**Brief Description:** Organized a variety of games and quizzes based on technology for college's cultural fest 'impressions'.**Number of Participants:** 100**Good Quality 3-4 Photographs for Gallery on Hub Page:****Name of the Event:** Web development hands-on workshop**Date Venue Time:** 23 – 25 September 2019 / Within Campus / 5 p.m.**Brief Description:** Provided a hands-on workshop from basic to intermediate level on Web development fundamentals.**Number of Participants:** 80



Name of the Event: La Tomatina Treasure Hunt

Date Venue Time: 23 February 2019 / Within Campus / 10 a.m. onwards

Brief Description: Organized a fun treasure hunt for college's cultural fest 'impressions'.

Number of Participants: 50

Name of the Event: GCP hands-on workshop

Date Venue Time: 03 October 2019/ Within Campus / 5 p.m. onwards

Brief Description: Introduced students to cloud technology of GCP. Provided a hands-on workshop as well as a free month-long online course for the same

Number of Participants: 320



Name of the Event: PWA workshop

Date Venue Time: 28 - 30 January 2019 / Within Campus / 5 p.m.

Brief Description: introduced the new field of web-apps to students and provided a hands-on workshop

Number of Participants: 50



Name of the Hub: Sarkasm Society

Type of the Hub: Non- Technical

Objective of the Hub:- SARKASM aims to create a platform for young stand-up comedians and help them improve their comedy skills. Sarkasm also helps individuals to start their journey as full-time stand-up comedians by giving them opportunities to perform outside college too.

The hub conducts Open Mic events and competition like stand up competition and meme competition. We also invite proclaimed stand up comedians to perform in our college.

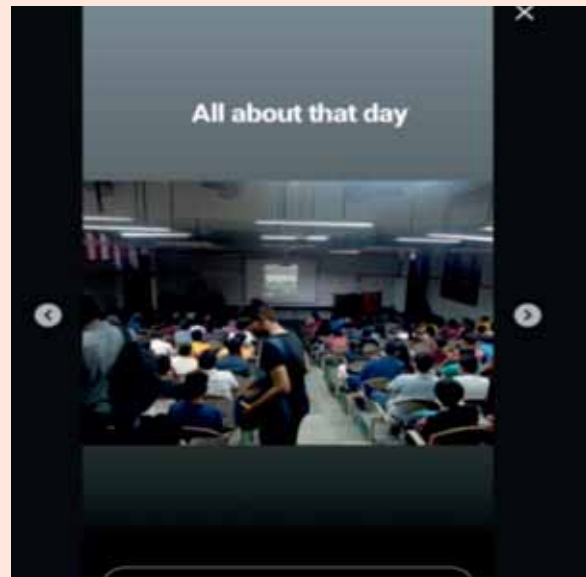
Sarkasm gives you a platform where you can showcase your comic talent and by doing this you become more confident, your public speaking skills increase, public engagement skill increases and you become fearless.

Events : Open Mic

Date/ Venue/ Time – 01 October 2019 / LT3 / 5 PM

Number of Participants - 15

Brief Description – An Open Mic event where participants show their talents by doing either stand up comedy or poetry .



Open Mic Competition

Date/Venue/Time – 29 February 2020/LT3/12 - 02 PM

Number of Participants - 9

Brief Description – An Open Mic event where participants show their talents by doing stand up comedy and improv. And there were total 3 winners :

1. Winner
2. Runner Up
3. Best Improv Act

Total Prize Worth => 4000 Rs.



Men Will Be Men

Date/Venue/Time – 29 February 2020 / Audi / 5 PM

Brief Description – Comedy Talk Show with Mr. Ajit Tomar Sir hosted by Shivansh Srivastava.



Game Development Hub Faculty Co-ordinator – Dr. Prashant Kaushik

Game Exhibition

Date: 06 August 2019

This was a program to interact with the freshers during the lunch break and showcase the work we do in the hub.



Game Development Hub Orientation

Date: 06 August 2019

This was the annual program that the hub members organise to interact with the freshers, to introduce them to the hub and its activities along the year.

Participants – 100

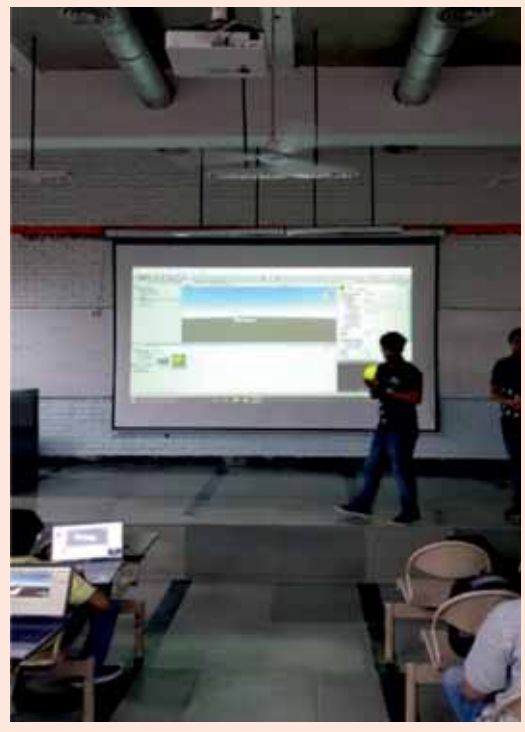


Game Development Workshop

Date: 02-06 September 2019

A 5 day workshop for 1st years to introduce them to the basics of the game development on Unity.

Participants – 50



AR Treasure Hunt

Date: 29 February 2020

An AR based treasure hunt spanned across the campus. It was a team game where each team can have a maximum of 2 persons. The event was located in Lecture Theatre – 1, where the rules of the hunt and the application to scan the hints scattered at different locations in the campus. The winner was decided based on the time taken by the team to complete the treasure hunt.



Participants – 100

1st Prize - Cash Prize 400

2nd Prize – Cash Prize 300

PUBG Tournament

Date: 01 March 2020

A PUBG Tournament was organised on the second day of the annual cultural fest Impressions 2020. There were 2 different custom rooms in the first round, where each room had 25 teams (100 members total). Top 5 from each room were promoted to the next and final round. The winning team was the winner of the final round.

Participants – 200

1st Prize – Cash Prize 800

2nd Prize – Cash Prize 500



Graficas :

Date: 29 February 2020

An AR based treasure hunt spanned across the campus. It was a team game where each team can have a maximum of 2 persons. The event was located in Lecture Theatre – 1, where the rules of the hunt and the application to scan the hints scattered at different locations in the campus. The winner was decided based on the time taken by the team to complete the treasure hunt.

Faculty Coordinator: Dr. Suma Dawn

This hub is highly committed with designing excellence, offering a unique designing experience to the students to enhance their imaginative and creative aspects. The aim is to inculcate the visual aspects as designs, logos, photographs, illustrations, animation, filters and effects, and others. The Hub also introduces the usage of key design principles and visual elements to present a visual composition.

1. Graficas Orientation

This was the annual program that the hub members organize to interact with the freshers, to introduce them to the hub and its activities throughout the year.

2. Photoshop Workshop

A two day workshop for students of first year was held to introduce them to the basics of Photoshop.



ADWITYA

Adwitya' is a hub of Jaypee Institute of Information Technology, Noida which aims to extend its services to specially-abled persons of the society. Members of 'Adwitya' provide support in imparting skills like basic computer education, maths, creative skills etc. to specially-abled persons. Adwitya conduct awareness programmes about their rights, needs and other general issues. Further, Adwitya is also involved in sensitizing society about the specially-abled.

Event Organised			
Charades Muets	in campus	during impressions	Adwitya hub is here with many surprises. Let's have a test between you and your bud and check how reactive your chemistry is. Can your equation unfold the series of charades in this mind bamboozling trivia of the carnival.
Boulevard of enigma	in campus	during impressions	Best friends are always there to pick you up when you fall but after laughing. To rejoice the maddening mania of this carnival of the year join in the adventure which reflects the true spirit of carnival and in addition to that we will see how your partner in crime deprives you of being a laughing stock and make you fly across the hurdles
Poster making competition	in campus	organised by ISIC, Delhi	Spinal injury Centre, Delhi proudly announces 'Living Life to the fullest'- A poster Making competition'- in association with Adwitya Hub of JIIT.
Wheelchair Rally	at India Gate	organised by ISIC, Delhi	Students of JIIT Noida join the rally conducted on 8th September 2019 at India Gate. The rally was conducted by Indian Spinal Injuries Centre Delhi.



Sports Hub

At Jaypee Institute of Information Technology, along with academics much importance is given to the overall development of the personality of each and every student and in an effort to ensure this, much importance is given to sports activities. They include cricket, basket ball, volleyball, badminton, football, squash, table tennis, billiards etc.

Events:

Fun Sport Meet 2020:

Date: 14-21 January 2020

Sports included Cricket, Volleyball, Basketball, Football, Badminton, Table Tennis, Billiards/Pool, and Chess.

Registration for the sports meet opened for 2 days on 10th January but the same was extended for half a day as the demand was overwhelming. Total registrations touched almost 2000. The response was as expected because this event happens to be one of the most awaited event of the year.

A total of 67 first prizes and 67 second prizes were won by very enthusiastic participants who not only competed with sporting skills and expertise but with praiseworthy sportsmen spirit. Small gestures between the competing boys and girls needs a special mention.

Even before the meet ended, talk of the University was to know the dates for the next meet, which speaks volumes about the annual event.

JIIT YOUTH CLUB Sector-128

(01 July 2019 to 30 June 2020 Activities)

Fresher's Orientation July-2019

Orientation starts with welcoming all the new students in the JIIT family. During the orientation all the JYC Hub coordinators give a presentation about the hub activities, their achievements and make student aware about the platform they will be providing. During the sessions students are allowed to get themselves register to various hubs at the registration desk



EBULLIENCE (Fresher's Welcome Event) (21st Sept 2019)

Ebullience is held annually to welcome freshers and give them first opportunity at JIT to showcase their skills. This time the Ebullience started with musical event of band performance and later solo singing (male & female) completion is held. After Music Hub , dance hub takes on the stage with Indian dance form presented by banded –de –sartaj (Indian dance hub) and western dance by VamUnique (western dance hub), by first year students. After this Abhivyakti (dramatic hub) presents the play performed exclusively by first year students. Finally the most anticipated and inarguably the most popular round of Ebullience is the Ramp Walk, where the gentlemen and ladies display their exceptional talent on the ramp. It consists of 2 rounds viz. Ethnic and Western taking place at the beginning and at the end respectively. Ebullience ends with prize distribution in various categories like best singer, dancer, actor, Mr & Ms. Ebullience etc.



Flash mob Converge-2020 (29 Jan 2020)

Since Converge is the Mega annual event held by the JYC, this kicks off with flash mob few days before converge. Flash mob just set the mood to vibrant mega event Converge. It's a 30 min event where all the hubs give a brief appearance in front of the students. This event also unveils the stars performing at converge pro-nights.



JIIT YOUTH MARATHON (1st February, 2020)

Every year Converge kick starts with JIIT youth marathon. It also promotes the fit-India initiative started by Hon'ble PM. Every year the Youth Marathon witnesses whole hearted participation from students, faculty members, staff members and participants from several institutes who are present there to participate in converge. The event comprises of a 5 km run inside the premises of Jaypee Wish town Noida. This year too marathon was organized along with NSS branch of JIIT.





CONVERGE (1-2 February, 2020)

Converge is the annual cultural-technical-sports fest organized by Jaypee Institute of Information Technology, Sector 128 Noida. With its every edition now Converge is widely popular across major institutes especially of Delhi-NCR.

Every year Converge witnesses participations from IIT's, NIT and various Delhi university colleges. Apart from this participation also registered in from other institutes in state like J&K, Haryana etc.

Converge turned out to be a huge success over the past years. Creativity and innovation are the two energies which fuel the success for future engineers and managers. Converge holds the power to cultivate knowledge, imbibe culture, engrave team spirit and inculcate the feeling of rejoicing in unison.



A GLANCE AT EVENTS- Converge- 2020

1. ABHIVYAKTI: THE DRAMATICS HUB:

Abhivyakti has organized the famous nukkad-natak event (Rihaa) where street plays are performed on some most relevant social issues. Abhivyakti also organized stage act event named Mehfill. Both of these events presented some really good acting skills by the students from various institutes.



2. FORTISSMO: THE MUSIC HUB

The music hub organized following events:

- a. **ACCOUSTICA: SOLO SINGING:** A platform where a singer can show singing talent in traditional, jazz, pop, rock etc genere. A contest that judges your tonality, rhythm vocals and all.
- b. **CRUSADE: BATTLE OF BANDS:** Bands from various parts takes part in this event. They fill the environment with right amount of energy. From the drum beats to the electric guitar tones and the rock voices creates a feeling of a war of bands.



3. DANCE HUB

- a. **GROOVE: THE WESTERN DANCE:** Organized by our well known Vam Unique, the western dance Hub. It is one of the most spectacular events in CONVERGE with teams from IIT's, DU etc. Participate to show all their western moves from hip hop to salsa to contemporary.
- b. **SABRANG: THE INDIAN DANCE:** The hub organizes two events every year one solo dance event name "Adavya" and other group dance event "sabrang". In both the events crowd witnessed some amazing dance skills and forms by the participants.



4. PANACHE: THE FASHION SHOW:

a. POISE: The Ramp-walk show

This is the ramp walk show where teams from the various institute on the ramp showing their creative side along with a message.

Mr & MISS CONVERGE: The intra college fashion show where the college students participate to walk down the ramp in order to show their fashion sense.



5. Technical Events:

Every year in converge technical and robotics hubs organize various technical events. Robotics hub organizes event such as line follower (autonomous robotics event) and robo race (manual robots) where a large number of participant take part. Whereas coding event such Algo-fuzz, code flux etc also takes place alongside.



6. Eloquence – Literary Hub events

The literary hub event organized Adi Shankaracharya Memorial Debate, where various participants put their views on a given topic in the allotted time. It’s a great event to have insight in to the literary knowledge of students.



Eloquence also hosted an open-mic event Jazbaat where students presented their poetic side.

7. **Quizzing: Curiosity-** the quizzing hub organized an audio-visual quiz. This really tested the general awareness index of the students.
8. **Sports:** Apart from cultural and technical events Converge also hosts various sports activities such as:
 - a. Cricket b) Football c) Badminton d) Lawn Tennis e) Basketball f) Table Tennis etc.



9. **Informal:** To ensure the participation from large number of students JYC hubs also organize the informal events which are mostly fun-oriented. These events also inculcate team spirit among the students
 - a. Dubsplash Contest
 - b. Beg Borrow Snap
 - c. Draw the King
 - d. Chair Hustle
 - e. J Roadies
 - f. Logo Quiz
 - g. Tug of War
 - h. Sherlock 101
 - i. Entertainment Trivia



PRO NIGHT'S AT JIIT 128

DAY 1: CONVERGE hosted young Punjabi singer Karan Sehmbi. The event witnessed a large gathering of students.

DAY 2: EDM Night: DJ Kevu

On EDM night world famous DJ Kevu played some magical numbers and had the crowd to dance on his tunes.



Farewell and award ceremony (Batch of 2016-2020)-(10th May, 2020)

To celebrate the end of graduation years, a farewell was organized, where students of B. Tech 3rd year bid farewell to the outgoing students of B. Tech final year with great enthusiasm. The event was organized in online mode this year, due to COVID pandemic.

TRAINING & PLACEMENTS

Placements of 2016-20 Batch : B. Tech Programmes

Branch	Total Participating Students	Total No. of Offers	% of Total Offers	Absolute Offers	% of Absolute Offers
CSE	432	715	166%	425	98%
ECE	306	505	165%	294	96%
IT	47	70	149%	47	100%
BT	27	27	100%	23	85%
Total	812	1317	162%	789	97%

M Tech/Dual					
Branch	Total Participating Students	Total No. of Offers	% of Total Offers	Absolute Offers	% of Absolute Offers
M Tech*	11	8	73%	7	64%
DUAL CSE	27	58	215%	27	100%
DUAL ECE	15	23	153%	15	100%
DUAL BT	9	4	44%	4	44%
Total	62	93	150%	53	85%

CTC Highlights

- Highest CTC INR 43.17 Lacs by Adobe (04 Students)
- 2nd Highest CTC INR 34 Lacs by DE Shaw (07 Students)
- 3rd Highest CTC INR 28 Lacs by Amazon (32 Students)
- 23 Companies with CTC between INR 10 to 43.17 Lacs (57 Students)
- 68 Companies with CTC between INR 6 to 9.99 Lacs (247 Students)
- 70 Companies with CTC between INR 3.50 to 5.99 Lacs (1063 Students)

Top 10 Companies : In the Descending Order of CTC

Sr. No	Name of the Company	CTC in INR Lacs	Offers				Total
			CSE	IT	ECE	Dual Degree	
1.	Adobe	43.17	3	1			4
2.	DE Shaw	34	7				7
3.	Amazon	28	25	4		3	32
4.	Morgan Stanley	25	5	1			6
5.	Interview Bit	24	3			1	4
6.	Goldman Sachs	23	1				1
7.	AWS	19	5				5
8.	Lucideus Tech	18.50	8	1	1		10
9.	Grofers	16	10		2		12
10.	Kronos	13.29	3				3

Top 10 Companies: In the Descending Order of Number of Offers

Sr No	Name of the Company	Total Offers	Offers					Dual Degree
			CSE	IT	ECE	BT	M Techs	
1.	Infosys	325	161	15	126	3	3	17
2.	Cognizant	242	108	5	107	4	3	15
3.	TCS	129	69	3	46			11
4.	WIRPO	116	39	4	68			5
5.	Amazon	49	30	4	12			3
6.	Deloitte	32	14	3	14			1
7.	Thales Group	22	15	3			1	3
8.	EY	18	6		12			
9.	Rx Logix	17	4	1	11	1		
10.	LumiQ (Crisp Analytics)	14	10		1		1	2

Activities Undertaken to Enhance Placement of Students: July, 2019 to June, 2020

- **July, 2019** - Cognizant Technologies Interactive Session was conducted by a Cognizant Associate (Jaypee Alumni) for 500 JIIT Students for 45 minutes. He took through his journey in Cognizant and inspired students.
- **July, 2019** - 18+ hours duration of Aptitude / Reasoning Training classes for 582 engineering 2020 batch students were organized by Mr. Eldo Ranjit to sharpen the skills of cracking the exam and the interview of companies hiring from JIIT.
- **August 2019** - ZS Associates had conducted country wide “ZS Data Science Challenge” which was open for the entire 2020 batch. One student from JIIT was shortlisted amongst the Top 50 candidates and was offered PPI for Data Science Associate.
- **August, 2019** - Goldman Sachs launched an initiative to attract top engineering talent across India to join their Engineering Division. The event was concluded with one offer each for 2020 and 2021 batch students.
- **August, 2019** - JIIT Googlers, Alumni of B. Tech CSE, Mr. Sameer Gulati placed with Google, Poland and Mr Utkarsh Gupta placed with Google, Germany working at Google International (Germany and Poland) interacted with B. Tech 2020 & 2021 batch.
- **September, 2019** - Google India organized a placement / internship hiring for B. Tech / Dual CSE, IT & ECE graduating in the years 2020 and 2021. Four students secured the offers.
- **October, 2019** - Indian Mobile Congress, Department of Telecommunications (DoT), Government of India, along with Cellular Operators Association of India (COAI) announced the third edition of India Mobile Congress. The event was attended by students of B. Tech / Integrated CSE and ECE Branches of 3rd and 4th year students.
- **November, 2019** - TUV SUD organized a workshop on Cyber Security for B. Tech CSE, IT & ECE 2021 at JIIT, Noida. The one hour workshop was attended by 100 students.
- **December, 2019** - LinkedIn hosted the 4th edition Wintathon 2020 “Women Coders: [In] Tech for Good”. Five JIIT students secured place in top 60. One student secured 3rd Position all India bases. One girl student was offered internship for 3 months.
- **January, 2020** - InfyTQ by Infosys was opened for all B. Tech, M. Tech and Dual Degree 2021

Batch. 28 students got offered in full time role with Infosys.

- **January, 2020** - ERICSSON: Under Talent Development Program trained 37 ECE students from Batch 2021 on Ericsson Domains (Ericsson’s Radio Access Network (RAN) & Advanced RAN (ARAN)).
- **February, 2020** - #HackWithInfy 2020 event was organized for B.Tech and M.Tech 2021 Batch. 10 students have been offered. Nine students got offered at CTC INR 8 Lacs.
February, 2020 - Deloitte TechnoUtsav 3.0 aimed at connecting with the potential future workforce. B. Tech and M. Tech 2021 Batch CSE and IT students participated and secured two offers at the CTC of INR 7.60 Lacs at all India level.
- **February, 2020** - Ericsson Career Connect Program covering Telecom Fundamental & Technologies was offered by JIIT in association with Ericsson to 52 B.Tech 6th semester 2021 batch students. The program was delivered over three days for 21 hours followed by test and a certificate to the qualified students.
- **March, 2020** - ZS Campus Beats Case Challenge 2020 was for B. Tech 2021 Batch. The event was open for 48 hours to solve the case study. JIITians secured four offers. Out of total 141 students, 19 students secured position in Top 11–100.
- **April, 2020** - Amazon Wow and AmazeWIT - Internship/full time opportunity initiative offered internship and FTE SDE opportunities to engineering 2021 and 2022 batch students. Two students have been offered jobs from this program at a CTC of INR 30 lacs and one internship for 2022 batch and later converted to PPO.
- **May, 2020** - TEKsystems Global Services (TGS) launched Champ 2020 Mentorship Program of 40+ hours Hiring and Industry oriented learning program. 25 JIIT Students attended the Mentorship program. Three students got PPI.
- **June, 2020** - TCS Codevita for 2021 Batch and MockVita: Codevita is the national level contest of TCS to hire engineering students. Mockvita is organized to train students on how to use the Codevita Platform. Till date, 44 offers have been made to JIIT students.

Placement Status : MBA Batch 2018-20

Specialisation	Participating Students	No. of Offers	% of Total Offers	Absolute Offers	% of Absolute Offers
Marketing	24	23	96%	22	92%
Finance	12	12	100%	11	92%
HR	5	4	80%	3	60%
Operation	7	7	100%	7	100%
Total	48	46	96%	43	90%

Placement Highlights MBA Batch 2018-20. Eminent companies like HCL Technologies, Byjus, Zycus, Jaro Education, ExtraMarks Education, Nivesh Global, Inalsa, FinEdge, 99Acres.com, Gradeup, Future Generali, Justdial.com, Indus Valley Partners, RGF India, Protiviti, GreyB, Crowe Horwath IT Services, Dure Technologies, Berger Paints, etc. offered final placements with competitive profile and compensation.

FINANCIAL STATUS

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

DETAILS OF INFRASTRUCTURE

Total Built Up Area Statement

S. No	Name of the Building	Covered Area (In Sqm)
Admin. & Acad. Block		
1	Aryabhata Bhawan I/1,2	5195
2	Aryabhata Bhawan I/3	2688
3	Aryabhata Bhawan I/4	2676
4	Aryabhata Bhawan I/5 (Basement area 13828.84sqft included)	4173
5	Aryabhata Bhawan II (Basement area 23487.04sqft included)	18852
6	ABB III (Lower ,& Upper Basement, First & Second Floor)	11960
Total Admin. & Acad. Area=		45544
Hostels		
1	Hostel Block, H1	4167
2	Hostel Block, H2	2133
3	Hostel Block, H3	4179
4	Hostel Block, H4	4179
5	Hostel Block, H5	4179
6	Hostel Block, H6,7,8,9,10,11 (ABB III)	23000
Total Hostel Area=		41836
Faculty Residences		
1	Faculty Residence R2 Block	3238
2	Faculty Residence R3 Block	3111
3	Director Residence	384
4	Worker's Housing (Basement area 3789sqft included)	1410
Total Faculty Residential Area=		8142
Facilities		
1	Annapurna Building (Basement area 8918sqft included)	4574
2	Sports Complex (Basement area 6135sqft included)	1695
3	ABB-III (Community Floors & Cafeteria)	8052
Total Facilities Area=		14321

S. No	Name of the Building	Covered Area (In Sqm)
	Miscellaneous	
1	Gate No.1	63
3	Gate No.3	32
4	Electrical Sub Station	451
5	Electrical Sub Station Extension	545
7	Parking Basement	5677
	Total Miscellaneous Area=	6768
	SEC. 128 Campus	
1	Academic Block	24998
	Total Sec. 128 Area=	24998
	TOTAL BUILT UP AREA OF SEC. 62 & 128 CAMPUS =	141610

INFRASTRUCTURE DETAILS OF JIIT, SEC.62 AND SEC.128 CAMPUS

S.No	Room type	Carpet area (In Sqm)
1	Classrooms & Tutorial Room	7747
2	Laboratories	6691
3	Computer Centre	868
4	Seminar Halls	1263
5	Workshop	650
6	Drawing Hall	615
7	Library and Reading Room	6500
8	Auditorium	3618
9	Boys Common Room	522
10	Boys' Hostel	10446
11	First Aid cum Sick Room	149
12	Others	30
13	Girls Common Room	290
14	Guest House	2176
15	Girls' Hostel	7042
16	Cafeteria	6226
17	Principal's Quarter	383.97
19	Sports Club	7556
20	Stationery Store	58.3
21	Toilets	1222
22	Principal / Director's Office	267
23	Security	96
24	Exam Control Office	186
25	Maintenance	4290
26	Pantry for Staff	189

S.No	Room type	Carpet area (In Sqm)
27	Other Office	109
28	Reception Area	50
29	Board Room	182
30	Cabins for Head of Dept	404
31	Faculty Rooms	3555
33	Offices All Inclusive	595
34	Central Store	537
35	Housekeeping	74
36	Placement Office	413

INSTRUCTIONAL AREAS OF JIT, SEC.62 AND SEC.128 CAMPUS

S.No.	Description	Nos
1	Classrooms (UG)	55
2	Classrooms (UG)	29
3	Tutorial Rooms	16
4	Seminar Rooms	7
5	Electronics Labs	32
6	Computer Labs	46
7	Physics Labs	7
8	Biotech Labs	15
9	Language Labs	2
10	Management Lab	1
11	Workshop	2
12	Engineering Drawing	2

Facilities & Utilities (At Sec-62)

Banking

The University has tie up with YES Bank & IDBI Bank for opening the savings accounts. One ATM machine is installed by ICICI Bank at Security Gate No. 3.

Photocopy facility

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

Medical

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

Sports:

Outdoor

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

Indoor

Swimming Pool
(Boys & Girls)

Pools with adequate no. of showers, change rooms, water filtration and chlorination facilities.

Billiards	A billiards and snooker table is installed in Indoor Sports Complex.
Pool Table	A pool table is also available for students.
Table Tennis	5 TT tables are installed in Indoor Sports Complex.
Carom & Chess	Each hostel has a separate carom & chess lounge.
Boys Gym	A well equipped gym with Tread Mills and equipments is available for the students.
Girls Gym	A well equipped girls gym with Cross Trainer, Tread Mill Machine and a multi-gym is available exclusively for girls.

Guest Rooms : 21

Details of Transport

Institute has 5 cars, 1 mini bus, 1 ambulance van, 1 fire-tender.

Utilities

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

Facilities & Utilities (At Sec-128)

Banking

The University has a tie up with Yes Bank for opening the savings account.

Two ATM machines are installed by Axis Bank at Sector 128.

Photocopy facility

The facility of photocopy is available in the LRC.

Medical

There is a well equipped dispensary with 24 x 7 availability of 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.

Sports:

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

Details of Transport

Four buses ply for the students within NCR.

Appendix-B

LIST OF FACULTY

SL	EMP. CODE	FACULTY NAME	CURRENT DESIGNATION	QUALIFICATION	DOJ
1	JIIT1458	PROF. S.C. SAXENA	VICE CHANCELLOR (ACTG.)	BE(1970), ME (1973), Ph.D. (1977)	01-Jul-11
2	JIIT1895	PROF. RENU LUTHRA	VICE PROVOST	B.A. (1977), M.B.A. (1979), Ph.D (2002)	03-Sep-19
3	JIITC918	PROF. HARI OM GUPTA	DIRECTOR-SECTOR-128	BE (1972), ME(1975), Ph.D. (1980)	20-Dec-11
4	JIIT1003	PROF. D.K. RAI	DEAN (A&R)	B.Sc.(1986), M.Sc.(1988), Ph.D.(1994).	02-May-01
5	JIIT1486	PROF. ALKA SHARMA	DEAN (HUMANITIES)	B.Sc. (1983), MA(1986), M.Phil. (1988), Ph.D.(1995)	27-Jun-11
DEPARTMENT OF BIOTECHNOLOGY					
6	JIIT1404	PROF. PAMMI GAUBA	PROF.	B.Sc.(1982), M.Sc.(1983), Ph.D.(1988)	10-Jul-10
7	JIIT1024	PROF. NEERAJ WADHWA	PROF.	B.Sc.(1984), M.Sc.(1986) , Ph.D.(1994)	05-Jul-02
8	JIIT1072	PROF. S.KRISHNA SUNDARI	PROF.	B.Sc.(1991), M.Sc.(1993), Ph.D.(1999).	18-Jun-03
9	JIIT1157	PROF. SUDHA SRIVASTAVA	PROF.	B.Sc.(1991), M.Sc.(1993), M.Phil. (1994), Ph.D.(2002)	28-Oct-04
10	JIIT1215	PROF. SUJATA MOHANTY	PROF.	B.Sc.(1984),M.Sc.(1986), Ph.D.(1992)	16-Feb-06
11	JIIT1136	PROF. INDIRA P SARETHY	PROF.	B.Sc.(1992), M.Sc.(1994), Ph.D(2001)	05-Jul-04
12	JIIT1155	PROF. REEMA GABRANI	PROF.	B.Sc.(1991), M.Sc.(1993), Ph.D.(1998)	01-Sep-04
13	JIIT1267	PROF. VIBHA RANI	PROF.	B.Sc.(1996), M.Sc.(1998), M.Phil. (2001), Ph.D.(2005)	16-Dec-06
14	JIIT1353	DR. RACHANA	Asso. Prof.	B.Sc.(1996), M.Sc.(1998), Ph.D.(2005)	15-Jun-09
15	JIIT1346	DR. SHWETA DANG	Asso. Prof.	B.Pharma (1998), M.Pharma.(2001), Ph.D.(2006)	10-Feb-09
16	JIIT1438	DR. ASHWANI MATHUR	Asso. Prof.	B.Sc.(2000), M.Sc.(2002), Ph.D.(2009)	15-Dec-10
17	JIIT1402	DR. SMRITI GAUR	Asso. Prof.	B.Sc.(2001), M.Sc.(2003), Ph.D.(2010)	10-Mar-10
18	JIIT1430	DR. SHALINI MANI	Asso. Prof.	B.Sc.(2000), M.Sc.(2002), Ph.D.(2010)	12-Aug-10
19	JIIT1482	DR. VIBHA GUPTA	Asso. Prof.	B.Sc.(1987), M.Sc.(1990), Ph.D.(1998)	27-Jun-11

SL	EMP. CODE	FACULTY NAME	CURRENT DESIGNATION	QUALIFICATION	DOJ
20	JIIT1078	DR. CHAKRESH KUMAR JAIN	AP (SG)	B.Sc.(1993), M.Sc.(1997), AIS(2001), MCA(2006), Ph.D. (2011), ALCCS-IETE(2011)	07-Jul-03
21	JIIT1464	DR. PRIYADARSHINI	AP (SG)	B.Sc.(1998), M.Sc.(2001), Ph.D.(2010)	01-Jul-11
22	JIIT1187	DR. SUSINJAN BHATTACHARYA	AP (SG)	B.Sc.(1996), M.Sc.(1999), Ph.D(2002)	27-Jul-05
23	JIIT1439	DR. GARIMA MATHUR	AP (SG)	B.Sc.(2000), M.Sc.(2002), Ph.D.(2008)	21-Dec-10
24	JIIT1906	DR. SHAZIA HAIDER	ASST. PROF (II)	B.Sc (2004), M.Sc (2006), Ph.D (2015)	02-Dec-19
25	JIIT1322	MS. MANISHA SINGH	ASST. PROF (I)	BPT(2004), MPT(2007)	15-Jul-08
26	JIIT1905	DR. SONAM CHAWLA	ASST. PROF (I)	B.Tech (2008), M.Tech (2010), Ph.D (2018)	27-Nov-19
27	JIIT1717	MS. EKTA BHATT	ASSO. LECT	B.SC (2006), M.SC(2008)	02-Aug-16
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING & INFORMATION TECHNOLOGY					
28	JIIT1204	PROF. VIKAS SAXENA	PROF.	B.Tech.(2000), M.E.(2002), Ph.D.(2009)	01-Oct-05
29	JIIT1068	PROF (DR). KRISHNA ASAWA	PROF.	B.Sc.(1993), MCA(1996), Ph.D.(2002)	30-May-03
30	JIIT1462	DR. SATISH CHANDRA	Asso. Prof.	B.E. (1997),M.Tech. (2002), Ph.D (2010)	01-Jul-11
31	JIIT1058	DR. SANDEEP KUMAR SINGH	Asso. Prof.	B.Sc.(1997), PGDM(1999), 'B' Level(2001), MCA (2002), Ph.D.(2011)	01-Jan-04
32	JIIT1491	DR. CHARU	Asso. Prof.	B.Tech. (2003), M.Tech.(2005), Ph.D. (2011)	12-Aug-11
33	JIIT1156	DR. PRAKASH KUMAR	Asso. Prof.	B.E.(1993), M.Tech.(2000), Ph.D(2017)	14-Oct-04
34	JIIT1392	DR. CHETNA GUPTA	Asso. Prof.	BE (2004), M.Tech. (2006), Ph.D. (2011)	11-Dec-09
35	JIIT1532	DR. NEETU SARDANA	Asso. Prof.	B.Sc. (1997), MCA (2001), Ph.D. (2011)	28-Jul-12
36	JIIT1137	DR. SHIKHA K MEHTA	Asso. Prof.	B.Sc.(1998), MBA(2000), WDA(2001), M.Tech.(2003), Ph.D (2013).	09-Jul-04
37	JIIT1150	DR. ANUJA ARORA	Asso. Prof.	B.Sc.(2001), M.Sc.(2003), Diploma in C, C++(2003), MS (2009), Ph.D. (2013)	16-Aug-04
38	JIIT1517	DR. DEVPRIYA SONI	Asso. Prof.	B.Sc. (1998), MCA (2002), Ph.D. (2011)	04-Jul-12
39	JIIT1213	DR. MANISH KUMAR THAKUR	Asso. Prof.	BE(1998), M.Tech.(2004). Ph.D.(2014).	16-Jan-06

SL	EMP. CODE	FACULTY NAME	CURRENT DESIGNATION	QUALIFICATION	DOJ
40	JIIT1616	DR. MUKESH SARASWAT	Asso. Prof.	B.E. (2001), M.Tech. (2010), Ph.D. (2013)	23-Jul-14
41	JIIT1121	DR. TRIBHUWAN KUMAR TEWARI	Asso. Prof.	B.Sc.(1998), B.E. (2003), M Tech. ((2007), Ph.D. (2015)	12-Jan-04
42	JIIT1223	DR. CHETNA DABAS	Asso. Prof.	B.Sc.(1998),M.Sc.(2000), M.Tech(2001), Ph.D.(2011).	17-May-06
43	JIIT1572	DR. DHARMVEER SINGH RAJPOOT	Asso. Prof.	BE (2005), M.Tech(2008), Ph.D. (2013)	08-Jul-13
44	JIIT1288	DR. SANGEETA MITTAL	Asso. Prof.	B.Tech.(2000), M.Tech.(2007), Ph.D. (2015)	02-Aug-07
45	JIIT1229	DR. SUMA DAWN	AP (SG)	BE(2002), M.Tech.(2005), Ph.D. (2015)	10-Jul-06
46	JIIT1547	DR. ADWITIYA SINHA	AP (SG)	BCA (2006), MCA (2008), M.Tech. (2011), Ph.D. (2015)	18-Feb-13
47	JIIT1178	DR. GAGANDEEP KAUR	AP (SG)	B.E.(2002), M.E.(2004), Ph.D. (2015)	28-Jun-05
48	JIIT1021	DR. BHARAT GUPTA	AP (SG)	BE(1999), M.Tech.(2000), Ph.D.(2015)	01-Jul-02
49	JIIT1088	DR. MUKTA GOYAL	AP (SG)	B.Tech.(1995), M.Tech.(1999) Ph.D(2016)	11-Aug-03
50	JIIT1051	DR. K. RAJALAKSHMI	AP (SG)	BE(2000), ME(2001)Ph.D(2016)	07-Jan-03
51	JIIT1219	DR. KAVITA PANDEY	AP (SG)	BE(2002), M.Tech.(2003). Ph.D(2017)	11-Apr-06
52	JIIT1768	DR. APARAJITA NANDA	AP (SG)	B.Tech (2008), M.Tech(2011), Ph.D(2017)	08-Aug-17
53	JIIT1670	DR. TAJ ALAM	AP (SG)	B.Tech. (2009), M.Tech. (2012), Ph.D. (2017)	19-Feb-15
54	JIIT1355	DR. SHIKHA JAIN	AP (SG)	B.Tech.(2003), M.Tech. (2007),Ph.D(2016)	01-Jul-09
55	JIIT1174	DR. HEMA N	AP (SG)	BE(2000), M.Tech.(2003). Ph.D.(2018).	04-Jun-05
56	JIIT1784	DR. ANKITA VERMA	AP (SG)	B.Tech(2011), M.Tech.(2014), Ph.D (2018)	16-Sep-17
57	JIIT1324	DR. PARMEET KAUR	AP (SG)	BE(1998), M.Tech. (2008)Ph.D(2016)	25-Jul-08
58	JIIT1299	DR. ARCHANA PURWAR	AP (SG)	B.Sc.(1999), MCA(2003), M.Tech. (2007), Ph.D (2018)	01-Feb-08
59	JIIT1695	DR. HIMANI BANSAL	AP (SG)	BE (2006), M.Tech. (2013), Ph.D. (2018)	08-Jan-16
60	JIIT1718	DR.PAYAL KHURANA BATRA	AP (SG)	B.E. (2004), M.E(2009), Ph.D(2017)	11-Aug-16
61	JIIT1740	DR. AMARJEET	AP (SG)	B.Tech. (2004), M.Tech. (2011)Ph.D. (2017)	25-Jan-17
62	JIIT1715	DR. POTUKUCH RAGHU VAMSI	AP (SG)	B.E. (2003), M.Tech(2007), Ph.D(2016)	25-Jul-16

SL	EMP. CODE	FACULTY NAME	CURRENT DESIGNATION	QUALIFICATION	DOJ
63	JIIT1811	DR. SHRUTI JAISWAL	AP (SG)	B.Tech. (2017), M.Tech. (2009)Ph.D (2018)	16-Jun-18
64	JIIT1813	DR. NEERAJ JAIN	AP (SG)	B.Tech. (2007), M.Tech. (2010)Ph.D (2018)	16-Jun-18
65	JIIT1824	DR. ANKIT VIDYARTHI	AP (SG)	B.Tech. (2008), M.Tech. (2011)Ph.D (2017)	18-Jun-18
66	JIIT1807	DR. RASHMI KUSHWAH	AP (SG)	B.Tech. (2006), M.Tech. (2009)Ph.D (2018)	16-Jun-18
67	JIIT1423	DR. DHANALAKSHMI G	AP (SG)	B.Tech. (1995), M.Tech. (2002), Ph.D (2018)	10-Jul-10
68	JIIT1857	DR. ANITA SAHOO	AP (SG)	B.E. (1998), M.Tech. (2010), Ph.D (2017)	01-Jan-19
69	JIIT1868	DR. MANJU	AP (SG)	B.E (2006), MS (2009), PhD (2018)	01-Feb-19
70	JIIT1870	DR. SHAILESH KUMAR	AP (SG)	B.Tech (2009), M.Tech (2013), Phd (2019)	01-Feb-19
71	JIIT1135	DR. ARTI JAIN	AP (SG)	B.Sc.(1998), MCA(2001). MS (2009), PhD (2019)	02-Jul-04
72	JIIT1228	DR. INDU CHAWLA	AP (SG)	BE(2000), M.Tech(2006), Phd (2019)	04-Jul-06
73	JIIT1508	DR. NIYATI AGRAWAL	AP (SG)	B.Tech.(2006), M.Tech. (2010), Phd (2019)	13-Feb-12
74	JIIT1570	DR. PARUL AGARWAL	AP (SG)	B.Tech. (2010), M.Tech. (2012), Ph.D (2019)	08-Jul-13
75	JIIT1366	DR. K. VIMAL KUMAR	AP (SG)	BE(2004), ME(2007), Ph.D (2019)	15-Jul-09
76	JIIT1877	DR. AMRIT PAL SINGH	AP (SG)	B.Tech. (2009), M.Tech. (2012)Ph.D (2019)	10-Jul-19
77	JIIT1878	DR. PAWAN SINGH MEHRA	AP (SG)	B.E. (2009), M.Tech. (2011)Ph.D (2019)	10-Jul-19
78	JIIT1879	DR. ASHISH MISHRA	AP (SG)	B.E. (2003), M.Tech. (2009)Ph.D (2018)	15-Jul-19
79	JIIT1880	DR. ALKA SINGHAL	AP (SG)	B.Tech (2005), M.E(2008), Ph.D(2018)	10-Jul-19
80	JIIT1881	DR. SWATI GUPTA	AP (SG)	B.Tech. (2011), M.Tech. (2014)Ph.D (2019)	13-Jul-19
81	JIIT1408	DR. MEGHA RATHI	AP (SG)	B.Tech.(2005), M.Tech. (2010), Ph.D (2019)	05-Jul-10
82	JIIT1550	DR. RAJU PAL	AP (SG)	B.Tech.(2009), M.Tech. (2012), Phd (2019)	15-Feb-13
83	JIIT1869	DR. VIVEK KUMAR SINGH	AP (SG)	B.Tech (2012), M.Tech (2015), Phd (2019)	01-Feb-19
84	JIIT1773	DR. BINDU VERMA	AP (SG)	B.Tech(2012), M.Tech.(2015), Ph.D (2019)	10-Aug-17
85	JIIT1546	DR. ARPITA JADHAV BHATT	AP (SG)	B.E. (2008), M.E. (2010), Ph.D(2019)	18-Feb-13

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86	JIIT1915	DR. BHAWNA SAXENA	AP (SG)	B.Tech(2001), M.E.(2002), Ph.D(2020)	01-Jul-20
87	JIIT1220	DR. PAWAN KUMAR UPADHYAY	AP (SG)	B.Sc.(2000), M.Sc.(2002), M.Tech.(2005), Ph.D(2020)	10-Apr-06
88	JIIT1548	DR. HIMANSHU MITTAL	AP (SG)	B.Tech.(2010), M.Tech. (2012), Ph.D(2020)	14-Feb-13
89	JIIT1600	DR. AVINASH CHANDRA PANDEY	AP (SG)	B.Tech. (2007), M.Tech. (2012), Ph.D(2020)	09-Sep-13
90	JIIT1515	DR. AMANPREET KAUR	AP (SG)	B.Tech.(2006), M.Tech. (2009), Ph.D(2020)	10-Jul-12
91	JIIT1863	DR. SHILPA BUDHKAR	AP (SG)	B.E.(2010), PHD(2019)	11-Jan-19
92	JIIT1604	MR. PRASHANT KAUSHIK	ASST. PROF (II)	B.Tech. (2003), M.Tech. (2008)	01-Oct-13
93	JIIT1716	MS.SHERRY GARG	ASST. PROF (II)	B.Tech(2008),M.E(2011)	03-Aug-16
94	JIIT1501	MS. ANUBHUTI RODA MOHINDRA	ASST. PROF (II)	B.Tech.(2007), MS (2008)	02-Jan-12
95	JIIT1514	MS. AMBALIKA SARKAR	ASST. PROF (II)	B.Tech.(2006), M.Tech. (2010)	02-Jul-12
96	JIIT1518	MR. GAURAV KUMAR NIGAM	ASST. PROF (II)	B.Tech.(2005), M.Tech. (2009)	02-Jul-12
97	JIIT1742	MS. MRADULA SHARMA	ASST. PROF (II)	B.Tech. (2007), M.Tech. (2012)	06-Feb-17
98	JIIT1741	MS. AMARJEET KAUR	ASST. PROF (II)	B.E (2005), M.Tech. (2010)	06-Feb-17
99	JIIT1530	MR. PULKIT MEHNDIRATTA	ASST. PROF (II)	B.Tech.(2010), M.Tech. (2012)	20-Jul-12
100	JIIT1497	MR. HIMANSHU AGRAWAL	ASST. PROF (II)	B.E.(2007), M.Tech. (2011)	10-Dec-11
101	JIIT1538	MS. ANURADHA GUPTA	ASST. PROF (II)	B.Tech.(2008), M.Tech. (2012)	19-Nov-12
102	JIIT1554	MS. SHARDHA PORWAL	ASST. PROF (II)	Diploma-IT (2004), B.Tech.(2007), M.Tech. (2012)	25-Feb-13
103	JIIT1557	MS. SAKSHI AGARWAL	ASST. PROF (II)	B.Tech.(2010), M.Tech. (2012)	11-Mar-13
104	JIIT1575	MS. ANKITA	ASST. PROF (II)	B.Tech. (2011), M.Tech. (2013)	08-Jul-13
105	JIIT1587	MR. BANSIDHAR JOSHI	ASST. PROF (II)	B.Tech. (2009), M.Tech. (2011)	12-Jul-13
106	JIIT1569	MS. AKANKSHA MEHNDIRATTA	ASST. PROF (II)	Dual Degree (B.Tech.-M.Tech.)-(2013)	09-Jul-13
107	JIIT1606	MS. KRITIKA RANI	ASST. PROF (II)	Diploma in CSE (2008), B.Tech. (2011), M.Tech. (2013)	26-Dec-13
108	JIIT1663	MS. VARSHA GARG	ASST. PROF (II)	B.Tech. (1992), M.Tech. (2010)	15-Jan-15
109	JIIT1573	MS. ADITI SHARMA	ASST. PROF (II)	B.Tech. (2011), M.Tech. (2013)	08-Jul-13
110	JIIT1579	MS. SOMYA JAIN	ASST. PROF (II)	B.Tech. (2010), M.Tech. (2013)	08-Jul-13

SL	EMP. CODE	FACULTY NAME	CURRENT DESIGNATION	QUALIFICATION	DOJ
111	JIIT1582	MR. MAHENDRA KUMAR GURVE	ASST. PROF (II)	B.E (2010), M.Tech. (2013)	11-Jul-13
112	JIIT1812	MS. SONAL	ASST. PROF (II)	B.Tech (2011), M.Tech (2013), Ph.D(Pursuing)	20-Jun-18
113	JIIT1830	MR. VIKAS HASSIJA	ASST. PROF (II)	B.Tech (2010), MS (2014), Ph.D(Pursuing)	16-Jul-18
114	JIIT1696	MR. SHARIQ MURTUZA	ASST. PROF (II)	B.Tech. (2013), M.Tech. (2015)	09-Jan-16
115	JIIT1694	MR. PRANTIK BISWAS	ASST. PROF (II)	B.Tech. (2010), M.Tech. (2015)	08-Jan-16
116	JIIT1783	MS. DEEPTI	ASST. PROF (II)	B.Tech(2011), M.Tech.(2014)	21-Sep-17
117	JIIT1867	MS. VARTIKA PURI	ASST. PROF (II)	B.Tech (2009), M.Tech (2013), Phd (PURSUING)	01-Feb-19
118	JIIT1876	MR. NITIN SHUKLA	ASST. PROF (II)	B.Tech (2008), M.Tech (2014), Phd (THESIS SUBMITTED)	10-Jul-19
119	JIIT1888	MR. SULABH TYAGI	ASST. PROF (II)	B.Tech (2005), M.Tech (2008), Phd (THESIS SUBMITTED)	19-Jul-19
120	JIIT1667	MR. KASHAV AJMERA	ASST. PROF (II)	B.E. (2011), M.Tech. (2014)	30-Jan-15
121	JIIT1691	MS. KIRTI AGGARWAL	ASST. PROF (II)	B.Tech. (2011), M.Tech. (2013)	01-Jan-16
122	JIIT1772	MR. RUPESH KUMAR KOHARIYA	ASST. PROF (II)	B.Tech(2012), M.Tech.(2015)	16-Aug-17
123	JIIT1769	MS. SARISHTY GUPTA	ASST. PROF (II)	B.Tech(2013), M.Tech.(2016)	03-Aug-17
124	JIIT1300	MS. PURTEE KOHLI	ASST. PROF (I)	B.Sc.(1998), MCA(2000), M.Phil. (2008)	01-Feb-08
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING					
125	JIIT1627	PROF. SHWETA SRIVASTAVA	PROF.	B.Tech. (1998), Ph.D. (2002)	18-Jul-14
126	JIIT1412	DR. VIKRAM KARWAL	Asso. Prof.	B.Tech. (2001), MS (2006), Ph.D. (2009)	28-Jun-10
127	JIIT1460	DR. JITENDRA MOHAN	Asso. Prof.	B.Tech. (2001), M.Tech.(2005), Ph.D. (2011)	01-Jul-11
128	JIIT1443	DR. SAJAI VIR SINGH	Asso. Prof.	BE (1998), ME(2002), Ph.D. (2011)	03-Jan-11
129	JIIT1154	DR. VINEET KHANDELWAL	Asso. Prof.	BE(1999), M.Tech.(2003). Ph.D. (2014)	04-Oct-04
130	JIIT1321	DR. VIVEK KUMAR DWIVEDI	Asso. Prof.	BE(2003), ME(2006), Ph.D. (2012)	01-Jul-08
131	JIIT1674	DR. ABHINAV GUPTA	Asso. Prof.	B.Tech.(2000), M.Tech. (2004), Ph.D. (2013)	01-Jun-15
132	JIIT1118	DR. ASHISH GOEL	Asso. Prof.	B.Tech.(2002), M.Tech.(2005). Ph.D.(2013).	05-Jan-04
133	JIIT1186	DR. VIJAY KHARE	Asso. Prof.	BE(1998), M.Tech.(2000), Ph.D.(2013)	15-Jul-05
134	JIIT1405	DR. ALOK JOSHI	Asso. Prof.	B.Tech. (2001), M.Tech.(2006), Ph.D. (Dec. 2014)	12-Jul-10

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135	JIIT1602	DR. MEGHA AGARWAL	Asso. Prof.	B.Tech. (2007), M.Tech. (2009), Ph.D. (2013)	21-Sep-13
136	JIIT1269	DR. JASMINE SAINI	Asso. Prof.	BE(2000), ME(2004), Ph.D. (2014)	30-Dec-06
137	JIIT1555	DR. BHARTENDU CHATURVEDI	Asso. Prof.	B.Tech. (2005), M Tech. (2008), Ph.D. (2014)	23-Feb-13
138	JIIT1291	DR. RICHA GUPTA	Asso. Prof.	BE(2003), M.Tech.(2005). Ph.D. (2013)	16-Aug-07
139	JIIT1500	DR. MADHU JAIN	Asso. Prof.	BE (2003), M.Tech.(2009), Ph.D. (2015)	04-Jan-12
140	JIIT1060	DR. SHAMIM AKHTER	Asso. Prof.	B.Tech.(2001), M.Tech. (2002), Ph.D. (2015)	07-Apr-03
141	JIIT1283	DR. RAHUL KAUSHIK	AP (SG)	B.Sc.(1998), B.Tech.(2001), M.Tech. (2003).Ph.D(2017)	05-Jul-07
142	JIIT1027	DR. PANKAJ KUMAR YADAV	AP (SG)	Diploma Engg.(1994), AMIETE(1999), M.Tech.(2001) PH.D(2016)	15-Jul-02
143	JIIT1183	DR. REEMA BUDHIRAJA	AP (SG)	BE(2002), ME(2005), Ph.D (2018).	15-Jul-05
144	JIIT1399	DR. SATYENDRA KUMAR	AP (SG)	BE(1998), M.Tech.(2002), Ph.D (2018)	16-Jan-10
145	JIIT1326	DR. SHRUTI KALRA	AP (SG)	B.Tech.(2005), M.Tech.(2007), Ph.D (2018)	01-Aug-08
146	JIIT1233	DR. KIRMENDER SINGH	AP (SG)	B.E(1994), M.Tech.(2010), Ph.D (2018)	01-Jul-04
147	JIIT1419	DR. KAPIL DEV TYAGI	AP (SG)	Diploma - EC (2000), B.Tech. (2003), M.Tech. (2010)Ph.D(2016)	01-Jul-10
148	JIIT1682	DR. GARIMA KAPUR	AP (SG)	B.E (2006), M.Tech. (2009). Ph.D. (2016)	01-Sep-15
149	JIIT1762	DR. KULDEEP BADERIA	AP (SG)	B.Tech (2008), M.Tech(2011),Ph.D(2016)	24-Jul-17
150	JIIT1751	DR. ARCHANA PANDEY	AP (SG)	B.Tech (2010), M.Tech(2012), Ph.D(2017)	08-Jul-17
151	JIIT1761	DR. ASHISH GUPTA	AP (SG)	B.Tech (2008), M.Tech(2010), Ph.D(2017)	24-Jul-17
152	JIIT1765	DR. BAJRANG BANSAL	AP (SG)	B.Tech (2005), M.Tech(2008), Ph.D(2017)	25-Jul-17
153	JIIT1753	DR. VIMAL KUMAR MISHRA	AP (SG)	B.Tech. (2009), M.Tech. (2012), Ph.D(2017)	14-Jul-17
154	JIIT1764	DR. KAUSHAL KUMAR NIGAM	AP (SG)	B.Tech. (2009), M.Tech. (2011), Ph.D (2018)	20-Jul-17
155	JIIT1585	DR. GAURAV VERMA	AP (SG)	B.Tech. (2005), M.Tech. (2012), Ph.D (2018)	15-Jul-13
156	JIIT1821	DR. PARUL ARORA	AP (SG)	B.Tech.(2003), M.Tech. (2010), Ph.D (2018)	18-Jun-18

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157	JIT1819	DR. ATUL KUMAR	AP (SG)	B.E.(2007), M.Tech. (2010), Ph.D (2018)	16-Jun-18
158	JIT1826	DR. SAURABH CHATURVEDI	AP (SG)	B.Tech.(2005), M.Tech. (2008), Ph.D (2018)	16-Jun-18
159	JIT1360	DR. JUHI	AP (SG)	B.E.(2005), M.E.(2008), Ph.D (2018)	06-Jul-09
160	JIT1820	DR. HEMANT KUMAR	AP (SG)	B.E (2009), M.E. (2011), Ph.D (2018)	19-Jun-18
161	JIT1566	DR. ABHISHEK KASHYAP	AP (SG)	B.Tech. (2009), M.Tech. (2013), Ph.D (2018)	08-Jul-13
162	JIT1818	DR. BHAGIRATH SAHU	AP (SG)	B.E. (2010), M.Tech. (2013), Ph.D (2018)	19-Jun-18
163	JIT1763	DR. YOGESH KUMAR	AP (SG)	B.E. (2009), M.Tech. (2013), Ph.D (2018)	19-Jul-17
164	JIT1861	DR. ANKIT GARG	AP (SG)	AMIETE (2010), M.Tech (2012), Ph.D (2019)	07-Jan-19
165	JIT1862	DR. RACHANA SINGH	AP (SG)	B.Tech (1998), M.Tech (2009), Ph.D (2018)	08-Jan-19
166	JIT1770	DR.AMIT KUMAR GOYAL	AP (SG)	B.Tech(2013), M.tech(2014), Phd (2019)	04-Aug-17
167	JIT1822	DR. NEETU JOSHI	AP (SG)	B.E. (2006), M.Tech. (2009), Ph.D (2019)	18-Jun-18
168	JIT1362	DR. NEETU SINGH	AP (SG)	B.Tech.(2006), M.Tech.(2008), Ph.D (2019)	06-Jul-09
169	JIT1815	DR. AJAY KUMAR	AP (SG)	B.Tech. (2009), M.Tech. (2014), Ph.D (2019)	16-Jun-18
170	JIT1885	DR. SAJAL AGARWAL	AP (SG)	B.Tech. (2010), M.Tech. (2014), Ph.D (2019)	10-Jul-19
171	JIT1893	DR. AKANSHA BANSAL	AP (SG)	B.Tech. (2009), M.Tech. (2012), Ph.D (2017)	14-Aug-19
172	JIT1638	DR. RUBY BENIWAL	AP (SG)	Diploma-ECE (2000), B.Tech. (2007), M.Tech. (2011), Ph.D (2020)	16-Aug-14
173	JIT1231	MR. ATUL KUMAR SRIVASTAVA	ASST. PROF (II)	B.Tech.(1998), MS(2002).	08-Jul-06
174	JIT1083	MS. BHAWNA GUPTA	ASST. PROF (II)	B.Tech.(2001), M.Tech.(2003).	19-Jul-03
175	JIT1075	MS. SMRITI BHATNAGAR	ASST. PROF (II)	B.Tech.,(1990),ME(1994)	01-Jul-03
176	JIT1424	MR. B. SURESH	ASST. PROF (II)	B.Tech.,. (2006), M.Tech. (2010)	09-Jul-10
177	JIT1567	MS. MONIKA	ASST. PROF (II)	B.Tech. (2004), M.Tech. (2010), Ph.D. (Pursuing)	08-Jul-13
178	JIT1549	MR. VINAY ANAND TIKKIWAL	ASST. PROF (II)	B.E. (2005), M.S. (2012)	14-Feb-13
179	JIT1521	MS. PRIYANKA KWATRA	ASST. PROF (II)	B.Tech. (2009), M.Tech. (2012)	03-Jul-12

SL	EMP. CODE	FACULTY NAME	CURRENT DESIGNATION	QUALIFICATION	DOJ
180	JIIT1689	MR. MANDEEP SINGH NARULA	ASST. PROF (II)	B.Tech. (2005), M.Tech. (2008)	29-Oct-15
181	JIIT1520	MR. VISHAL NARAIN SAXENA	ASST. PROF (II)	B.Tech. (2009), M.Tech. (2011)	04-Jul-12
182	JIIT1519	MS. SHRADHA SAXENA	ASST. PROF (II)	B.Tech. (2007), M.Tech. (2012)	09-Jul-12
183	JIIT1565	MR. ANKUR BHARDWAJ	ASST. PROF (II)	B.Tech. (2011), M.Tech. (2013)	09-Jul-13
184	JIIT1622	MR. SHIVAJI TYAGI	ASST. PROF (II)	B.Tech. (2008), M.Tech. (2012)	07-Jul-14
185	JIIT1634	MR. RITESH KUMAR SHARMA	ASST. PROF (II)	B.Tech. (2010), M.Tech. (2014)	01-Aug-14
186	JIIT1662	MS. JYOTI VYAS	ASST. PROF (II)	B.E. (2006), M.Tech. (2009)	08-Jan-15
187	JIIT1690	MR. ABHAY KUMAR	ASST. PROF (II)	B.Tech. (2010), M.Tech. (2014)	02-Nov-15
188	JIIT1679	MR. VARUN GOEL	ASST. PROF (II)	B.Tech. (2011), M.Tech. (2014)	14-Aug-15
189	JIIT1738	MR. RAGHVENDA KUMAR SINGH	ASST. PROF (II)	B.Tech. (2012), M.Tech. (2014)	20-Jan-17
190	JIIT1840	MR. PRABHAKAR JHA	ASST. PROF (II)	B.Tech. (2014), M.Tech. (2016)	21-Aug-18
191	JIIT1835	MS. MADHU JHARIYA	ASST. PROF (I)	BE (2009), ME (2014)	21-Aug-18
192	JIIT1836	MR. NITESH KUMAR	ASST. PROF (I)	B.Tech. (2012), M.Tech. (2016)	21-Aug-18
193	JIIT1837	MR. VIMAL SAINI	ASST. PROF (I)	B.Tech. (2015), M.Tech. (2018)	21-Aug-18
194	JIIT1838	MR. DEEPAK KUMAR	ASST. PROF (I)	B.Tech. (2015), M.Tech. (2018)	21-Aug-18
195	JIIT1839	MR. CHANDAN KUMAR	ASST. PROF (I)	B.Tech. (2014), M.Tech. (2018)	21-Aug-18
196	JIIT1841	MR. RAHUL KUMAR	ASST. PROF (I)	B.Tech. (2013), M.Tech. (2018)	21-Aug-18
197	JIIT1884	MS. K. NISHA	ASST. PROF (I)	B.E. (1999), M.E. (2008)	09-Jul-19
DEPARTMENT OF MATHEMATICS					
198	JIIT1013	PROF. ALKA TRIPATHI	PROF.	B.Sc.(1988), M.Sc.(1990), , Ph.D.(1995).	17-Sep-01
199	JIITC920	PROF. RAMESH CHAND MITTAL	PROF.	B.Sc (1973), M.Sc (1975), Ph.D (1979)	02-Jul-18
200	JIIT1285	PROF. AMRISH KUMAR AGGARWAL	PROF.	B.Sc.(1987), M.Sc.(1989), B. Ed.(1990), M.Phil.(1992) PGDCA(1993)Ph.D.(2006)	04-Jul-07
201	JIIT1282	PROF. BHAGWATI PRASAD CHAMOLA	PROF.	B.Sc.(1988), M.Sc.(1990), NET(1999), M.Phil.(2001), Ph.D.(2006)	28-Jun-07
202	JIIT1176	PROF.SANJEEV SHARMA	PROF.	B.Sc.(1992), M.Sc.(1994), , Ph.D(2000)	25-Jun-05
203	JIIT1325	DR. LOKENDRA KUMAR	Asso. Prof.	B.Sc.(1997), M.Sc.(1999), Ph.D.(2004)	25-Jul-08
204	JIIT1421	DR. AMIT SRIVASTAVA	Asso. Prof.	B.Sc.(1996), M.Sc.(1998). Ph.D. (2008)	29-Jun-10

SL	EMP. CODE	FACULTY NAME	CURRENT DESIGNATION	QUALIFICATION	DOJ
205	JIIT1444	DR. PATO KUMARI	Asso. Prof.	B.Sc.(2003), M.Sc.(2005), M.Phil.(2007), Ph.D.(2010)	01-Jan-11
206	JIIT1476	DR. PANKAJ KUMAR SRIVASTAVA	AP (SG)	B.Sc.(1995), M.Sc.(1997). Ph.D.(2010)	01-Jul-11
207	JIIT1594	DR. DINESH CHANDRA SINGH BISHT	AP (SG)	B.Sc.(2002), M.Sc.(2004), Ph.D.(2009)	08-Aug-13
208	JIIT1608	DR. ANUJ BHARDWAJ	AP (SG)	B.Sc.(1998), M.Sc.(2000), Ph.D.(2011).	28-Dec-13
209	JIIT1601	DR. YOGESH GUPTA	AP (SG)	B.Sc.(1996), M.Sc.(1998), Ph.D.(2012).	19-Sep-13
210	JIIT1664	DR. LAKHVEER KAUR	AP (SG)	B.Sc.(2006), M.Sc.(2008), Ph.D.(2013).	19-Jan-15
211	JIIT1727	DR.HIMANSHU AGARWAL	AP (SG)	B.SC (2007)M.SC(2009),Ph.D(2015)	10-Sep-16
212	JIIT1804	DR. PINKEY CHAUHAN	ASST. PROF (II)	B.Sc.(2004), M.Sc.(2006), Ph.D.(2013).	11-Jun-18
213	JIIT1805	DR. AMITA BHAGAT	ASST. PROF (II)	B.Sc.(2004), M.Sc.(2006), Ph.D.(2015).	25-Jun-18
214	JIIT1806	DR. NEHA AHLAWAT	ASST. PROF (I)	B.Sc.(2007), M.Sc.(2010), Ph.D.(2017).	11-Jun-18
215	JIIT1854	DR. NEHA SINGHAL	ASST. PROF (I)	B.Sc.(2011), M.Sc.(2013), Ph.D.(2018).	17-Dec-18
216	JIIT1892	DR. TRAPTI NEER	ASST. PROF (I)	B.Sc (2010), M.Sc (2012), Ph.D (2018)	01-Aug-19
217	JIIT1894	DR. MOHD. SARFARAZ	ASST. PROF (I)	B.Sc (2010), M.Sc (2012), Ph.D (2018)	23-Aug-19
DEPARTMENT OF PHYSICS & MATERIAL SCIENCE & ENGINEERING					
218	JIITC919	PROF. S. C. KATYAL	PROF.	B.Sc.(1973), M.Sc.(1975), Ph.D.(1981).	03-May-18
219	JIIT1039	PROF. ANIRBAN PATHAK	PROF.	B.Sc.(1996), M.Sc.(1998), Ph.D.(2002).	05-Aug-02
220	JIIT1166	PROF. S.P PUROHIT	PROF.	B.Sc.(1984), M.Sc.(1986), Ph.D.(1992).	22-Feb-05
221	JIIT1188	PROF. RAKESH KUMAR DWIVEDI	PROF.	B.Sc.(1985), M.Sc.(1989), M.Tech.(1994), Ph.D.(1999).	28-Jul-05
222	JIIT1131	PROF. NAVNEET KUMAR SHARMA	PROF.	B.Sc.(1995), M.Sc.(1997), Ph.D.(2004).	15-Jun-04
223	JIIT1182	DR. PAPIA CHOWDHURY	Asso. Prof.	B.Sc.(1996), M.Sc.(1999), Ph.D.(2005).	11-Jul-05
224	JIIT1227	DR. NAVENDU GOSWAMI	Asso. Prof.	B.Sc.(1996), M.Sc.(1999), B.Ed.(2000), Ph.D.(2006).	19-Jun-06
225	JIIT1368	DR. MANOJ KUMAR	Asso. Prof.	B.Sc.(2001), M.Sc.(2003), Ph.D.(2008)	09-Jul-09

SL	EMP. CODE	FACULTY NAME	CURRENT DESIGNATION	QUALIFICATION	DOJ
226	JIIT1395	DR. SUNEET KUMAR AWASTHI	Asso. Prof.	B.Sc.(1998), M.Sc.(2003), Ph.D.(2007)	07-Jan-10
227	JIIT1564	DR. VIKAS MALIK	Asso. Prof.	B.Sc.(1996), M.Sc.(1998), Ph.D.(2005)	08-Jul-13
228	JIIT1406	DR. SANDEEP CHHOKER	Asso. Prof.	B.Sc.(1999), M.Sc.(2003), Ph.D.(2010)	13-Jul-10
229	JIIT1496	DR. ALOK PRATAP SINGH CHAUHAN	AP (SG)	B.Tech. (2002), MS (2005), Ph.D. (2007)	09-Dec-11
230	JIIT1257	DR. AMIT VERMA	AP (SG)	B.Sc.(1997), M.Sc.(1999), M.Tech. (2002). Ph.D. (2010)	21-Sep-04
231	JIIT1503	DR. PRASHANT KUMAR CHAUHAN	AP (SG)	B.Sc.(1997), M.Sc.(1999), M.Tech. (2000). Ph.D. (2008)	03-Jan-12
232	JIIT1474	DR. BHUBESH CHANDER JOSHI	AP (SG)	B.Sc.(2002), M.Sc.(2004), Ph.D.(2010)	07-Jul-11
233	JIIT1499	DR. ANSHU DHIRENDRA VARSHNEY	AP (SG)	B.Sc.(1998), M.Sc.(2000), Ph.D.(2010)	27-Dec-11
234	JIIT1777	DR. ANURAJ PANWAR	AP (SG)	B.Sc (2000), M.SC.(2002),M.PHIL (2004), Ph.D(2010)	21-Aug-17
235	JIIT1729	DR. HIMANSHU PANDEY	AP (SG)	B.SC (2004),M.Sc.(2006), Ph.D.(2015)	01-Oct-16
236	JIIT1776	DR. DINESH TRIPATHI	ASST. PROF (II)	B.Tech (2003), M.Sc (2005), M.TECH.(2011), Ph.D(2015)	16-Aug-17
237	JIIT1829	DR. ANUJ KUMAR	ASST. PROF (II)	B.Sc (2004), M.Sc (2006), Ph.D (2014)	09-Jul-18
238	JIIT1801	DR. MANOJ TRIPATHI	ASST. PROF (II)	B.Sc (2001), M.Sc (2003), M.Tech (2009), Ph.D (2017)	11-Jun-18
239	JIIT1887	DR. ASHISH BHATNAGAR	ASST. PROF (I)	B.Sc (2007), M.Sc (2010), Ph.D (2018)	15-Jul-19

DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES

240	JIIT1205	DR. MUKTA MANI	Asso. Prof.	B.Sc.(1998), 'O' Level Diploma(1998), MBA(2000), DBF(2002), UGC-NET(2002), Ph.D.(2009)	05-Oct-05
241	JIIT1721	DR. MONALI BHATTACHARY	Asso. Prof.	BA (1998), MA(2000), Ph.D(2008)	24-Aug-16
242	JIIT1422	DR. AMBA AGARWAL	AP (SG)	BA (1993), MA (1995), Ph.D. (2003)	05-Jul-10
243	JIIT1446	DR. NILU CHOUDHARY	AP (SG)	BA (1983), MA (1986), B.Ed. (1991),Ph.D. (2000)	11-Jan-11

SL	EMP. CODE	FACULTY NAME	CURRENT DESIGNATION	QUALIFICATION	DOJ
244	JIIT1461	DR. SAKSHI VARSHNEY	AP (SG)	B.Com.(2001), M.Com.(2003), Ph.D. (2009), MBA (Pursuing)	01-Jul-11
245	JIIT1130	DR. BADRI BAJAJ	AP (SG)	B.Sc.(1996), MBA(1999). Ph.D.(2013).	01-Apr-04
246	JIIT1327	DR. SWATI SHARMA	AP (SG)	BA(1993), PGDBM(1998), Ph.D. (2013)	18-Jul-08
247	JIIT1359	DR. SHIRIN ALAVI	AP (SG)	B.Com.(2000), Master in Int. Business(2002), Ph.D. (2013)	04-Jul-09
248	JIIT1470	DR. KANUPRIYA MISRA BAKHRU	AP (SG)	B.Tech.(2005), MBA(2009), Ph.D.(2015)	01-Jul-11
249	JIIT1328	MS. PUNEET PANNU	ASST. PROF (II)	BA(1989), MA(1991), B.Ed.(1993), MBA(2000)	12-Aug-08
250	JIIT1290	MR. MANAS RANJAN BEHERA	ASST. PROF (II)	B.Sc.(1999), M.Sc.(2001), Ph.D.(Pursuing).	11-Aug-07
251	JIIT1364	MS. ANSHU BANWARI	ASST. PROF (II)	B.E.(2003), MBA(2005)	06-Jul-09
252	JIIT1471	DR. PRAVEEN KUMAR SHARMA	ASST. PROF (II)	BBA(2004), MBA(2008), M.Phil. (2009)PH.D(2016)	24-Jun-11
253	JIIT1472	DR. DEEPAK VERMA	ASST. PROF (II)	B.Sc. (1997), MBA (1999), Ph.D. (2015)	09-Jul-11
254	JIIT1684	DR. EKTA SRIVASTAVA	ASST. PROF (II)	BA (2000), MA(2002), Ph.D.(2007)	16-Sep-15
255	JIIT1889	DR. CHANDRIMA CHAUDHURI	ASST. PROF (I)	B.A (2008), M.A (2010), M.Phil (2012), Ph.D (2018)	22-Jul-19
256	JIIT1907	DR. AKARSH ARORA	ASST. PROF (I)	BA (2009), MA (2011), Ph.D (2019)	10-Dec-19
257	JIIT1908	DR. AMANDEEP KAUR	ASST. PROF (I)	BA (2009), MA (2011), MPHIL (2013), PHD (2019)	12-Dec-19
JAYPEE BUSINESS SCHOOL					
258	JIIT1349	PROF. GOPAL KRISHNA AGARWAL	PROF.	B.Com.(1974), ICA(1978), CS(1980), CWA(1983)	22-Apr-09
259	JIIT1495	PROF. RAJNISH KUMAR MISRA	PROF.	BA (1991), M. Psy. HRDM (1999), Ph.D. (2001)	17-Oct-11
260	JIITC909	PROF. SHANTANU KUMAR BISWAS	PROF.	B.Sc (1979), LLB (2002, Ph.D (2018)	20-Sep-18
261	JIITC915	PROF. GOBINDA GOPAL MITRA	PROF.	B.com (1982), M.com (1984), ICWA (1988), NET (1991), CA (1993)	15-Oct-19

SL	EMP. CODE	FACULTY NAME	CURRENT DESIGNATION	QUALIFICATION	DOJ
262	JIIT1289	DR. RAHUL SHARMA	Asso. Prof.	B.Com.(1999), M.Com.(2002), Ph.D.(2009), PGDIM(Pursuing)	04-Aug-07
263	JIIT1294	DR. S. SURESH	AP (SG)	BE(1992), PGDM(1995), Ph.D. (2013)	04-Dec-07
264	JIIT1403	DR. SUJATA KAPOOR	AP (SG)	B.Com.(2002), M.Com.(2004), MBA(2004), Ph.D (2010)	26-Mar-10
265	JIIT1562	DR. SHRIRAM ANIL PURANKAR	AP (SG)	BE (2004), MBA (2011), Ph.D (2018)	14-Jun-13
266	JIIT1855	DR. CHARU SIJORIA	AP (SG)	B.Tech (2013), MBA (2015), Ph.D (2018)	24-Dec-18
267	JIIT1858	DR. VISHAL GUPTA	AP (SG)	B.SC (1997), MBA (2000), Ph.D (2015)	29-Dec-18
268	JIIT1912	DR. MITUSHI SINGH	AP (SG)	BCA (2002), MBA (2007), Ph.D (2012)	24-Jan-20
269	JIIT1913	DR. SWETA GOEL	AP (SG)	B.Sc (2000),MBA (2002), Ph.D (2013)	03-Feb-20
270	JIIT1914	DR. ARCHANA SRIVASTAVA	AP (SG)	B.Sc(1988), MCA(1992), PGDBM(2004), MA(2012), MBA(2014), Ph.D (2014)	03-Feb-20
271	JIIT1789	MR. KALYAN ASHIS SAMADDAR	ASST. PROF (II)	B.E. (1995), M.E. (1997), MBA (2014)	18-Sep-17
272	JIIT1911	AJIT KUMAR	ASST. PROF (II)	B.Tech (2007), MBA (2012), Ph.D (PURSUING)	07-Jan-20

Note:

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

DASS GUPTA & ASSOCIATES

Chartered Accountants

B-4, NDG Center, Gulmohar Park, New Delhi - 110049
Phones: 4611 000 (30 lines) FAX: 011-4611 1099 E-mail: admin @ dassgupta.com

INDEPENDENT AUDITORS' REPORT

TO THE MEMBERS OF THE BOARD OF MANAGEMENT

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

REPORT ON THE FINANCIAL STATEMENTS

WE HAVE AUDITED THE ATTACHED BALANCE SHEET OF JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY, [RUN BY JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY SOCIETY (REGD.)], AS AT 31ST MARCH 2020 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 UNIVERSITY IN ACCORDANCE WITH THE INCOME TAX ACT 1961 ("THE ACT"). THIS RESPONSIBILITY ALSO INCLUDES MAINTENANCE OF ADEQUATE ACCOUNTING RECORDS IN ACCORDANCE WITH THE PROVISIONS OF THE ACT FOR SAFEGUARDING THE ASSETS OF THE UNIVERSITY AND FOR PREVENTING AND DETECTING FRAUDS AND OTHER IRREGULARITIES; SELECTION AND APPLICATION OF APPROPRIATE ACCOUNTING POLICIES; MAKING JUDGMENTS IN THE ESTIMATES THAT ARE REASONABLE AND PRUDENT; AND DESIGN,



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

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

OPINION

A. IN OUR OPINION AND TO THE BEST OF OUR INFORMATION AND ACCORDING TO THE EXPLANATIONS GIVEN TO US, THE SAID ACCOUNTS WITH SIGNIFICANT ACCOUNTING POLICIES AND OTHER NOTES THEREON GIVE A TRUE AND FAIR VIEW:

- (i) IN THE CASE OF BALANCE SHEET, OF THE STATE OF AFFAIRS OF THE INSTITUTE AS AT 31ST MARCH 2020; AND
- (ii) IN THE CASE OF INCOME & EXPENDITURE ACCOUNT, OF THE DEFICIT FOR THE YEAR ENDED ON THAT DATE.

REPORT ON OTHER LEGAL AND REGULATORY REQUIREMENTS

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

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



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

AUDITOR'S RESPONSIBILITY

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

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



DASS GUPTA & ASSOCIATES

Chartered Accountants

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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. 0001724



CA ASHOK KUMAR JAIN
 (PARTNER)
 MEMBERSHIP No. 090563
 ICAI UDIN No. : 20090563AAAACJ4780
 ICAI UDIN No. : 20090563AAAACK7043

DATE: 10.11.2020
 PLACE: NEW DELHI

Jaypee Institute of Information Technology , Society (Regd)

63, BAGAMT LOK, VASANT VIHAR, NEW DELHI-110057

(Run by Jaypee Institute of Information Technology Society, Regd.)

BALANCE SHEET AS ON 31.03.2020

Amount (Rs) 31.03.2019	LIABILITIES	SCH	Amount (Rs) 31.03.2020	ASSETS	SCH	Amount (Rs) 31.03.2021
15,00,00,000	CO-RPUS FUND		15,00,00,000	FIXED ASSETS		
13,67,417	Opening Balance:			Gross Block	"A"	3,12,30,17,271
2,04,573	REVALUATION OF ASSETS RESERVE			Less : Depreciation		1,20,81,47,195
11,62,844	Opening Balance	11,62,844	9,88,903	Capital Work in Progress		-
	Less : Depreciation during the year on revalued Assets	1,73,941		CURRENT ASSETS, LOANS & ADVANCES		
1,35,50,34,620	GENERAL FUND			Cash & Bank Balance	"B"	1,01,01,58,677
29,72,64,058	Opening Balance	1,50,29,04,150	1,62,87,82,975	Advances recoverable in Cash or in Kind or value to be received	"C"	32,40,45,101
	Add: development fee received during the year	28,16,57,021		Prepaid Expenses	"D"	68,94,121
14,93,94,528	Less : Deficit as per Income & Expenditure Account	15,57,88,195		Security Deposit	"E"	18,77,492
1,50,29,04,150				Stock-in-Hand	"F"	84,14,711
79,44,042	RESEARCH PROJECT GRANTS			Total		3,17,52,52,178
2,18,39,792	Opening Balance	1,11,88,926				
1,85,94,908	Add : Received during the year	1,05,19,154				
1,11,88,526	Less : Utilised/Refunded during the year	1,25,90,351				
74,57,21,115	SECURED LOANS		1,51,17,729			
	From Yes Bank, New Delhi (Refer Note -3)		72,30,21,115			
20,00,00,000	DEFERRED PAYMENT LIABILITY		20,00,00,000			
13,64,49,609	CURRENT LIABILITIES & PROVISIONS	"G"				
24,71,73,470	Sundry Creditors	"H"				
4,68,50,544	Other liabilities					
	CAUTION MONEY					
	Current Shareholders					
	(due for payment during next one year					
	Rs.13932671/- Previous year Rs.14030644/-)					
3,04,24,90,838	Total		3,17,52,52,178			

Significant Accounting policies and notes on accounts as per Schedule VI form part of Balance Sheet. As per our report of even date attached

for DASS GUPTA & ASSOCIATES CHARTERED ACCOUNTANTS
 Registration No: 009112N
 CA Ashok Kumar Jain
 Partner

Place : New Delhi
 Date : 10-11-2020



(S. B. Pant)
 Chief Finance Officer

(Col. Sharan Rastogi)
 Registrar



Jaypee Institute of Information Technology, Society (Regd)
 63, BASANT LOK, VASANT VIHAR, NEW DELHI-110057
 (F. un by Jaypee Institute of Information Technology Society, Regd.)

Income & Expenditure Account for the year ended 31.03.2020

Amount (Rs.) 31.03.2019	EXPENDITURE	SCH	Amount (Rs.) 31.03.2020	Amount (Rs.) 31.03.2019	INCOME	SCH	Amount (Rs.) 31.03.2020
29,58,41,556	Institute Expenses	"I"	23,31,90,476	1,04,22,77,005	Collection from Students	"L"	1,06,19,95,177
53,09,71,102	Salary & Allowances	"J"	61,66,19,769	5,25,82,410	Interest received		5,01,72,784
25,87,09,087	Students' Hostel Expenses	"K"	24,50,08,187	78,76,559	Other Misc. income		54,75,895
5,13,02,137	Interest & Finance Charges		5,02,45,826	1,10,27,35,974			
11,53,06,521	Depreciation		12,83,47,593	14,93,94,528	Deficit Carried over to Balance Sheet		1,11,76,43,650
1,25,21,30,502	Total		1,27,34,11,861	1,25,21,30,502	Total		1,27,34,11,861

Significant Accounting policies and notes on accounts as per Schedule 'M' form part of Income & Expenditure Account.
 As per our report of even date attached

for DASS GUPTA & ASSOCIATES
 CHARTERED ACCOUNTANTS
 Reg. No: 00011200

For Jaypee Institute of Information Technology, Society (Regd)
 63, BASANT LOK, VASANT VIHAR, NEW DELHI-110057



(Ashok Kumar Gupta)
 PARTNER

Membership No: 090563
 Place : New Delhi
 Date : 10-11-2020

(Signature)
 (Prof. S. Subram)
 Vice-Chancellor

(Signature)
 (Col. Shresh Rastogi)
 Registrar

(Signature)
 (S. B. Pant)
 Chief Finance Officer



Jaypee Institute of Information Technology, Noida At a Glance





JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY

(Declared as Deemed to be University Under Section 3 of UGC Act, 1956)

A-10, Sector-62, NOIDA – 201307, U.P, INDIA

Tele – 0120-2400973-975 Fax – 0120-2400986

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